
For more information, contact your Abbott Nutrition Representative or visit **www.abbottnutrition.com**

Abbott Nutrition Representative

Phone

E-mail Address

FAX

**This book belongs to:**


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Abbott Nutrition
Abbott Laboratories
Columbus, Ohio 43219-3034

Abbott Nutrition

# Pediatric Nutrition

## Product Guide 2017

Abbott
A Promise for Life

# Contents





Abbott Nutrition does not represent these codes to be actual National Drug Codes (NDCs). NDC-format codes are product codes adjusted according to standard industry practice to meet the format requirements of pharmacy and health insurance computer systems.

NDC-format codes have been submitted by Abbott Nutrition to data warehouses. While Abbott Nutrition cannot confirm that NDC-format codes have been published, the codes listed are based on the formatting established by NDC data warehouses.

**NOTE:** The HCPCS codes provided in this book are taken from government publications and are provided from information correct at the time of publication. They are provided for your information only. Healthcare providers are ultimately responsible for making appropriate product selections per individual patient and verifying that codes used for third-party billing are accurate for the items provided.

Source: Abbott Nutrition HCPCS and NDC Format Codes.
Available at: Pathwayreimbursement.com
Content current as of August 26, 2016.

pathway
reimbursement support

CONTACT PATHWAY
FOR SPECIFIC RESOURCES
AND SERVICES

**1-800-558-7677**

## HUMAN MILK FORTIFICATION



## CUSTOM FEEDING SYSTEM



## CHILDREN

## THERAPEUTIC HYDRATION



## METABOLIC PRODUCTS



## ADDITIONAL INFORMATION



**Every effort is made to ensure that all product information is correct at the time of publication. Values listed are subject to change. Please refer to the product label or packaging for the most current ingredient, allergen, and nutrient profile information.**

**Values listed in the Nutrition Information tables are for liquid products except as noted. Values per liter are calculated from values per 100 Cal. No entry indicates value is not available. Potential Renal Solute Load (PRSL) PRSL = [Protein (g) x 5.714] + Na (mOsm) + K (mOsm) + Cl (mOsm) + P (mOsm)**



# Our Heritage

# A Tradition of Innovation

Abbott Nutrition traces its beginnings to 1903 when Harry C. Moores and Stanley M. Ross founded the Moores & Ross Milk Company in Columbus, Ohio. In the mid 1920s, after their business had been prospering for 20 years, the partners took the innovative step of producing and marketing a new concept—milk-based infant formula.

In the ensuing decades, Abbott Nutrition has continued to advance the science of nutrition, as we learn more about the specialized needs of infants, children, and adults.

## Key milestones

**1903**

- Harry C. Moores and Stanley M. Ross founded the Moores & Ross Milk Company in Columbus, Ohio.


**1925**

- Moores and Ross took the daring step of producing and marketing milk-based infant formula—a new concept at the time. The product was originally known as Franklin Infant Food.


**1927**

- Dr. Morris Fishbein, editor of the *Journal of the American Medical Association*, suggested the name of the formula be changed to Similac®.

**1928**

- The company was renamed M&R Dietetic Laboratories.

**1951**

- Similac® Concentrated Liquid, the first infant formula available in a form other than powder in the United States, was introduced. It soon became the most popular product in the US infant formula market.

## 1956

- M&R Dietetic Laboratories created a new division, Ross Laboratories, to continue the development of Similac infant formulas.

## 1959

- Ross introduced Similac® With Iron, the first iron-fortified infant formula in the United States. It came in both powder and concentrated liquid forms.

## 1963

- Similac® 20, the first prebottled, presterilized system in the US for feeding babies in hospitals, was introduced.


## 1964

- Ross merged with Abbott Laboratories, one of the world's largest health care corporations.

## 1978

- Similac® 24 LBW*, with MCTs and glucose polymers, was introduced to meet the special needs of premature and low-birth-weight infants.

## 1980

- Similac® Special Care® 24 is the first low-birth-weight, premature infant formula with a composition designed to meet fetal accretion rates.

## 1988

- PediaSure® was introduced to bridge the gap between the specialized feeding needs of infants and adults.
- Similac® Special Care® With Iron was the first iron-fortified formula for premature and low-birth-weight infants introduced in the US.

## 1994

- Similac® NeoCare®, now Similac® NeoSure®, was introduced as the first formula in the US to address the nutritional needs of premature infants after hospital discharge.

## 1999

- Abbott scientists overcame significant hurdles to introduce Similac® With Iron Ready To Feed formula in a 32-fl-oz aseptic bottle. This design won the Industrial Design Excellence Award the following year.

* Denotes product that is no longer available.

## 2002

- Similac® Advance® With Iron, an iron-fortified infant formula supplemented with DHA and ARA, was launched.

## 2006

- Similac® Organic, the first certified USDA organic infant formula from a major formula brand, was launched.
- Similac® Special Care® 30 was the first to market as a 30-Cal Ready To Feed formula for preterm infants.
- Convenient mixing system for providing a variety of calorically dense NICU feedings—the Liqui-Mix® System—was introduced.

## 2007

- Ross Products was changed to Abbott Nutrition.

## 2008

- Similac® SimplePac™, a significant packaging redesign of infant formula powder containers, was launched. The new package features an innovative "grip-flip-scoop" design.
- Similac Advance EarlyShield®, featuring an exclusive blend of prebiotics, nucleotides, and carotenoids, was launched.

## 2009

- Similac® Special Care® 24 High Protein was the first high-protein, ready-to-feed, liquid preterm infant formula.
- Slow Flow nipple, for a more controlled flow rate, was introduced.

## 2010

- Similac Sensitive® and Similac® Soy Isomil® have EarlyShield®.
- Pedialyte® is available in Powder Packs.

## 2012

- Liquid Protein Fortifier, the first and only commercially sterile, extensively hydrolyzed liquid protein.
- Similac® preterm infant formulas, the first and only preterm infant formulas with added Lutein.

## 2013

- Similac® Human Milk Fortifier Concentrated Liquid nutritional supplement for preterm human milk.

## 2014

- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E, key nutrients found in breast milk.
- Similac® Human Milk Fortifier Hydrolyzed Protein Concentrated Liquid.

## 2015

- Similac® is the first leading infant formula brand with non-GMO* labeled option.

## 2016

- Similac® is the first and only infant formula with 2'-FL Human Milk Oligosaccharide, an immune-nourishing prebiotic previously only found† in breast milk.

*Ingredients not genetically engineered.

†At significant levels.

# Resources

## Customer Service and Product Support

For customer assistance and general information, call our toll-free number (800) 227-5767, Monday – Friday, 8:30 a.m. – 5:00 p.m. EST. You may also submit questions or comments on-line at **www.AbbottNutrition.com/contact-us**. The Abbott Nutrition Consumer Relations Department is staffed with representatives who can address your specific questions.

### Nutritional Products

Abbott Nutrition Consumer Relations
625 Cleveland Avenue
Columbus, Ohio 43215-1724
(800) 227-5767

### Metabolic Products (Inherited Metabolic Disorders)

For healthcare professionals with nutrition questions
Abbott Nutrition Metabolics Hotline
3300 Stelzer Road
Columbus, Ohio 43219-3034
(800) 986-8755

### E-business Customers

E-business Department
625 Cleveland Avenue
Columbus, Ohio 43215-1724
(800) 230-7677

### Feeding Expert

By phone: (800) 986-8800
Online: **www.FeedingExpert.com**

## How To Order Abbott Nutrition Products

### Hospitals/Institutions

Hospitals and other institutions can order Abbott Nutrition products by calling toll-free, (800) 551-5838, Monday – Friday, 8:00 a.m. – 5:30 p.m. EST.

### On-line

Information about Abbott Nutrition products can be found at:
- **www.AbbottNutrition.com** for healthcare professionals
- **www.Similac.com**

### e-Abbott

Connecting our customers to the products they need. Anytime, anyplace, and anywhere.

**www.e-abbott.com** offers customer support and product support:
- Orders and invoice management
- Chargeback / sales trace
- Electronic funds transfer (EFT)

### Store Locator

Our Store Locator can help you find major retail stores by ZIP code that carry the specific Abbott Nutrition products you would like to purchase.
- On **www.AbbottNutrition.com**, click on the Store Locator link

### Pharmacist

Abbott Nutrition products may be ordered through a pharmacist.

### Locate a Representative

If you would like to speak with an Abbott Nutrition sales representative, please contact us at (800) 551-5838. Let us know your area of specialization and the product you are inquiring about, and our product experts will be happy to assist you.

## Home Delivery

Order at **www.abbottstore.com** for the convenience of having products delivered to your door directly from the manufacturer.

- Free delivery with online or mobile orders $100 or greater
- Save 10%* when you set up repeat orders with Schedule & Save
- Orders can be shipped to military addresses
- Orders are processed Monday – Friday and are delivered within 7-10 days
- Priority orders are delivered within 3-5 business days; overnight orders within 1-2 business days

If you don't have Internet access, call (800) 258-7677 to place an order.†

*Discount excludes EleCare®.

†$5.95 handling fee will apply to phone orders.

## Abbott Nutrition

Information helpful to healthcare professionals and consumers regarding pediatric nutritional products can be found at **www.AbbottNutrition.com**:

- Specific product information
- Frequently asked questions
- Information specific to very low-birth-weight babies
- Breastfeeding support information
- Third-party coverage information, including HCPCS product codes and NDC format codes
- Store locater
- Current, science-based nutrition information, including patient education materials and professional enrichment opportunities

## Abbott Store

To order Abbott Nutrition products, see **www.AbbottStore.com** for:

- Infant nutrition products
- Child nutrition products
- Prenatal nutrition products
- Delivery information
- Schedule and Save program


## StrongMoms®

Designed for new parents who are looking for information on pregnancy, parenting, and infant nutrition, **www.Similac.com** contains:

- Up to $400* in benefits with membership
- Ongoing tips and ideas about all things baby
- Email updates including helpful guides, tips, and nutritional information tailored specifically to baby's growth
- Personalized gifts and benefits customized for your specific needs

Merchandise available at select participating OB offices and hospitals only.
* Offers may vary.

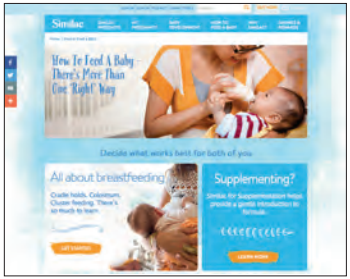
## Feeding Expert

Abbott has created quick and easy access to experts available to answer feeding-related questions:

- Helpful information on breastfeeding, supplementing, formula feeding, and fussiness
- Tips for introducing solids to toddlers
- Tools such as Feeding Tracker, Tummy Trouble, and Diaper Decoder
- The Similac® Baby Journal App

Live help with feeding questions; bilingual services (English/Spanish) are available

- By phone
  - 800-986-8800 (Similac and Prenatal nutrition)
  - 800-986-8793 (PediaSure® picky eaters nutrition)




## WebNova™ Neonutrition Optimizer

- A Web-based program to help manage the enteral nutrition of infants in the NICU
- Stores nutrient profiles for commercial and customized feedings
- Compares nutrient profiles of feedings to each other or to a reference

## Abbott Nutrition Health Institute

Designed to offer healthcare professionals leading continuing education (CE), cutting-edge nutrition science, and access to over 200 scientific articles/videos as part of conference summaries by visiting **www.ANHI.org**.

- Pediatric Nutrition continuing education programs include group video programs, online independent study, webinars, and regional events
- A leading continuing education provider for nurses, CE provider for dietitians, and CE credits for case managers
- Abbott Nutrition Research Conferences connect the latest nutrition science and research with the practice of clinical nutrition

# A FIRST OF ITS KIND
## ONLY FROM SIMILAC®


**References 1.** Goehring KC, et al. *J Nutr*. 2016;146(12):2559-2566. **2.** Schaller JP, et al. *Pediatr Res*. 2004;56(6):883-890.

# COMPLETE NUTRITION TO HELP SUPPORT A Baby's Full Potential

## Two critical areas of development in the first year: immunity & cognition

Similac® supports a growing baby's mind, body, and immune system.

### IMMUNE SYSTEM DEVELOPMENT[1,2]

**Immune-Nourishing Blend** to support growth and development

- Nucleotides
- Prebiotics
- Vitamins C & E and selenium

### COGNITIVE DEVELOPMENT[3,4]

**OptiGRO™** our exclusive blend of key nutrients for brain and eye development in breast milk[4-9]

- DHA
- Lutein
- Vitamin E

OptiGRO™ DHA FOR BRAIN LUTEIN FOR EYES VITAMIN E AS ANTIOXIDANTS

Similac® BRAND FED #1 IN HOSPITALS

**References: 1.** Carver J, et al. *J Nutr Biochem.* 1995;6:58-72. **2.** Schaller JP, et al. *Semin Fetal Neonatal Med.* 2007;12(1):326-328. **3.** Auestad N, et al. *Pediatrics.* 2001;108(2):372–381. **4.** Carlson SJ, et al. *JPEN Journal of Parenter and Enteral Nutr.* 2013;37(1):15–22. **5.** Brenna JT, et al. *Am J Clin Nutr.* 2007;85(6):1457–1464. **6.** Lauritzen L, et al. *Prog Lipid Res.* 2001;40(1–2):1–94. **7.** Martinez M. *J Pediatr.* 1992;120(4 Pt 2):S129–S138. **8.** Rubin LP, et al. *J Perinatol.* 2012;32(6):418–424. **9.** Takada T, Suzuki H. *Mol Nutr Food Res.* 2010;54(5):616–622.

# How To Feed A Baby – There's More Than One "Right" Way

## Decide what works best for both of you

- **All about breastfeeding:** cradle holds, colostrum, cluster feeding.
- **Supplementing?** Similac® for Supplementation helps provide a gentle introduction to formula.
- **Formula feeding facts:** make sense of all the different formulas, bottles, and nipples.
- **Fussiness?** Fear not. Every tiny tummy handles formula differently. We can help.
- **It's time for solids.** Now what? Get tips.
- Your baby's tummy tells all. **Tummy tools** can help decode the mysteries.

Similac FeedingExpert
800-986-8800

Get live one-on-one feeding support

Similac®

# Medical Information

# Contents by Product Usage

Not a complete listing of all possible products/uses.

## Allergy to Cow's Milk Protein



## Antibiotic-Induced Diarrhea



## Human Milk Alternative/Supplemental Formulas



## Human Milk Fortification



## Celiac Disease

All Abbott Nutrition pediatric products are gluten-free.

## Clear Liquid Diet



## Colic Symptoms (due to protein sensitivity)



## Colitis



## Dehydration/Oral Hydration



## Diarrhea

## Disaccharidase Deficiencies



## Fat Intolerance/Malabsorption



## Food Allergy



## Fussiness/Gas/Spit-up



## Galactosemia



## Gluten Intolerance/Sensitivity

All Abbott Nutrition pediatric products are gluten-free.

## Halal

Most Abbott Nutrition products are certified Halal. Please see **www.ifanca.org** for more information.

## Hypercalcemia



## Hypoallergenic



## Inborn Errors of Metabolism

## Kosher

Most Abbott Nutrition products are certified Kosher by ⓊD on packaging. Please see **www.oukosher.org** for more information.



## Non-GMO*



*Ingredients not genetically engineered.

## Suitable for Lactose Sensitivity/Intolerance

## Premature/Low-Birth-Weight Infants



## Protein Maldigestion



## Renal Dysfunction



## Seizures Managed with Ketogenic Diet



## Toddlers/Children

## Recommended Storage Guidelines for Abbott Nutrition Products

- Store unopened Abbott Nutrition pediatric products (including infant formulas) between 32° F and 95° F; the most desirable range of unopened containers is **55°–75° F**. Storage at these temperatures will assure the highest quality product, both aesthetically and nutritionally


- Prolonged exposure to temperatures below 32° F or above 95° F could affect the physical consistency of the product and is not recommended
- Abbott Nutrition pediatric formula products **should not be warmed and then refrigerated**
- **Do not freeze** Abbott Nutrition pediatric formulas; freezing can render liquid products unusable
- Store Abbott Nutrition pediatric **powder** products in a **dry, cool area**. Do not store the actual container of powder in the refrigerator
- Use **powdered** formula **within 1 month** after opening
- Pour **prepared formula** into individual feeding bottles or cups, cap, and store in the refrigerator. **Refer to product label for appropriate storage times**
- **Do not** leave prepared formula unrefrigerated
- Once oral feeding begins, **use formula within 1 hour** or discard
- **Do not reuse** prefilled feeding bottles
- Keep unopened packets of **Similac® Human Milk Fortifier Concentrated Liquids** at room temperature in the protective carton; avoid extreme temperatures

## Hangtime for Abbott Nutrition Products

In each health care facility, it is important to involve the appropriate professionals in developing procedures for using safe techniques in the preparation and use of tube feedings and in setting quality assurance protocols for monitoring those techniques.

The Academy of Nutrition and Dietetics (formerly American Dietetic Association) suggests a hangtime of 4 to 8 hours is acceptable for commercially sterile ready-to-feed products when carefully poured from the container into a tube-feeding setup. This includes Ready To Feed infant formulas, Pedialyte®, and PediaSure® products.

Any feedings that are reconstituted with water or **modified in any way** should be prepared using aseptic technique and **should hang for no more than 4 hours**. This includes concentrated liquid and powder formulas, fortified human milk, and any feedings to which other ingredients are added.

**Adapted from:**

Pediatric Nutrition Practice Group, Robbins ST, Meyers RE, eds. *Infant Feedings: Guidelines for Preparation of Human Milk and Formula in Health Care Facilities,* 2nd ed. Chicago: American Dietetic Association; 2011.

Campbell SM: *Preventing Microbial Contamination of Enteral Formulas and Delivery Systems.* Columbus, Ohio: Ross Products Division, Abbott Laboratories, 2003.

Bankhead R, Boullata J, Brantley S, et al. A.S.P.E.N. Enteral Nutrition Practice Recommendations. *JPEN*. 2009;33:122-167.

## Expiration Dates

The expiration date of Abbott Nutrition products is the first day of the month listed on the product.

- Buy and use the formula by the date shown on the product container
- The vitamin content and the physical stability of the product cannot be guaranteed beyond the "Use By" date because both may degrade with time

## WARNINGS

- **Abbott Nutrition products are for use under medical supervision.**
- **Abbott Nutrition products are not intended for parenteral use.**
- **Never use a microwave oven to warm formula; serious burns can result.**

## Mixing Instructions: Powder

- Abbott Nutrition data on calorically dense feedings is limited. **Hypocaloric and hypercaloric formulas should be used under the direction of a health care professional**
- 27 Cal/fl oz or more calorically dense formula may not supply enough water for some infants. Hydration status should be monitored and water supplied from other sources if necessary
- For improved tolerance, it is best to increase caloric density slowly, by 2- to 4-Cal/fl oz increments
- Instructions in this section also apply to non-GMO products

The following tables show the quantity of water to mix with the number of **unpacked, level scoop(s)** of powder to arrive at the approximate caloric densities shown. **Use only the scoop provided in the container.** To maintain freshness, pour prepared formula into individual feeding bottles, cap, store in refrigerator, and use within 24 hours.

### Pure Bliss™ by Similac®, Similac® Advance®, Similac® For Supplementation, Similac Pro-Advance™, Similac Pro-Sensitive™, Similac Sensitive®, Similac® Soy Isomil®, Similac Total Comfort™ (8.2 – 8.4 g scoop)

| POWDERED PRODUCTS with 8.2 - 8.4 grams powder/scoop | | | |
|---|---|---|---|
| Caloric Density (Cal/fl oz) | Water, fl oz (mL*) | Unpacked, Level Scoop | Approximate Yield (fl oz) |
| 19 (standard) | 2 (60) | 1 | 2 |
| 20 | 5¾ (170) | 3 | 6½ |
| 21 | 7¼ (215) | 4 | 8 |
| 22 | 6¾ (200) | 4 | 7½ |
| 23 | 6½ (190) | 4 | 7½ |
| 24 | 7¾ (230) | 5 | 9 |
| 25 | 8¾ (260) | 6 | 10 |
| 26 | 4¼ (125) | 3 | 5 |
| 27 | 6¾ (200) | 5 | 8 |
| 28 | 6½ (190) | 5 | 7½ |
| 29 | 2 ½ (75) | 2 | 3 |
| 30 | 4 ¾ (140) | 4 | 5½ |

*Rounded to nearest 5 mL.

### Similac® For Spit-Up† (8.3 g scoop)

| POWDERED with 8.3 grams powder/scoop | | | |
|---|---|---|---|
| Caloric Density (Cal/fl oz) | Water, fl oz (mL*) | Unpacked, Level Scoop | Approximate Yield (fl oz) |
| 19 (standard) | 2 (60) | 1 | 2 |
| 20 | 5¾ (170) | 3 | 6½ |
| 21 | 7¼ (215) | 4 | 8 |
| 22 | 6¾ (200) | 4 | 7½ |
| 23 | 6½ (190) | 4 | 7½ |
| 24 | 7¾ (230) | 5 | 9 |

*Rounded to nearest 5 mL.

†Similac For Spit-Up should not be reconstituted above 24 Cal/fl oz.

## Similac® Advance®, Similac® Alimentum®, Similac® Organic, Similac® PM 60/40, Similac® Soy Isomil® (8.6 – 8.8 g scoop)

| POWDERED PRODUCTS with 8.6 - 8.8 grams powder/scoop | | | |
|---|---|---|---|
| Caloric Density (Cal/fl oz) | Water (fl oz) | Unpacked, Level Scoop | Approximate Yield (fl oz) |
| 20 (standard) | 2 | 1 | 2 |
| 22 | 3½ | 2 | 4 |
| 24 | 5 | 3 | 5½ |
| 26 | 1½ | 1 | 2 |
| 27 | 4¼ | 3 | 5 |
| 28 | 5½ | 4 | 6½ |
| 30 | 5 | 4 | 6 |

## Similac® NeoSure® (9.6 g scoop)

| POWDER with 9.6 grams powder/scoop | | | |
|---|---|---|---|
| Caloric Density (Cal/fl oz) | Water (fl oz) | Unpacked, Level Scoop | Approximate Yield (fl oz) |
| 20 | 4½ | 2 | 5 |
| 22 (standard) | 2 | 1 | 2 |
| 24 | 5½ | 3 | 6 |
| 26 | 5 | 3 | 6 |
| 27 | 8 | 5 | 9 |
| 28 | 3 | 2 | 3½ |
| 30 | 7 | 5 | 8 |

## To Reconstitute Large Recipe, All Similac Powders‡ (except EleCare® for Infants and EleCare® Jr)

The following table shows the quantity of water to mix with **1 unpacked, level, dry measuring cup (not the enclosed scoop)** of powder **(~100 g)** to arrive at the approximate caloric densities shown.

| POWDER Mixing Chart | | | |
|---|---|---|---|
| Caloric Density (Cal/fl oz) | Water (fl oz) | Unpacked, Level, Dry Measuring Cup (approx. 100 g) | Approximate Yield (fl oz) |
| 19 | 24 | 1 | 27 |
| 20 | 23 | 1 | 26 |
| 21 | 22 | 1 | 25 |
| 22 | 21 | 1 | 24 |
| 23 | 20 | 1 | 23 |
| 24 | 19 | 1 | 22 |
| 25 | 18 | 1 | 21 |
| 26 | 17 | 1 | 20 |
| 27 | 16 | 1 | 19 |
| 28 | 15½ | 1 | 18 |
| 29 | 15 | 1 | 17½ |
| 30 | 14½ | 1 | 17 |

For most accurate results, formula powder should be weighed on a scale that reads in grams.

‡Similac For Spit-Up should not be reconstituted above 24 Cal/fl oz.

## Household Measurements (per cup)

| Measurements are based upon 1 unpacked, level, dry measuring cup. For most accurate results, powder should be weighed on a scale that reads in grams. | |
|---|---|
| **Product** | **Approximate grams of powder** |
| Pure Bliss by Similac | 100 g |
| Similac Advance | 100 g |
| Similac Alimentum | 100 g |
| Similac For Spit-Up | 100 g |
| Similac For Supplementation | 100 g |
| Similac NeoSure | 100 g |
| Similac Organic | 100 g |
| Similac PM 60/40 | 100 g |
| Similac Pro-Advance | 100 g |
| Similac Pro-Sensitive | 100 g |
| Similac Sensitive | 100 g |
| Similac Soy Isomil | 100 g |
| Similac Total Comfort | 100 g |
| EleCare products | Measurement by cup not recommended. Weighing powder or use of scoop is suggested. |

## EleCare® for Infants / EleCare® Jr

| EleCare for Infants POWDER with 9.4 grams powder/scoop | | | |
|---|---|---|---|
| **Caloric Density (Cal/fl oz)** | **Water (fl oz)** | **Powder Quantity*** | **Approximate Yield (fl oz)†** |
| 20 (standard) | 2 | 1 | 2 |
| 22 | 3½ | 2 | 4 |
| 24 | 8 | 5 | 9 |
| 26 | 1½ | 1 | 2 |
| 27 | 7 | 5 | 8 |
| 30 | 5 | 4 | 6 |

| EleCare Jr POWDER with 9.5 grams powder/scoop | | | |
|---|---|---|---|
| **Caloric Density (Cal/fl oz)** | **Water (fl oz)** | **Powder Quantity*** | **Approximate Yield (fl oz)†** |
| 30 (standard) | 5 | 4 | 6 |
| 35 | 1 | 1 | 1 |
| 40 | 3½ | 4 | 4 |
| 45 | 1½ | 2 | 2 |

*All scoops are unpacked, level.

†Yields are rounded to nearest whole number after calculations.

# Mixing Instructions: Concentrated Liquid

- Abbott Nutrition data on calorically dense feedings is limited. **Hypocaloric and hypercaloric formulas should be used under the direction of a health care professional**
- 27 Cal/fl oz or more calorically dense formula may not supply enough water for some infants. Hydration status should be monitored and water supplied from other sources if necessary
- For improved tolerance, it is best to increase caloric density slowly, by 2- to 4-Cal/fl oz increments

### Similac® Advance®, Similac Sensitive®, Similac® Soy Isomil®

The following table shows the quantity of water to mix with the quantity of concentrated liquid to arrive at the approximate caloric densities shown.

To maintain freshness, pour prepared formula into individual feeding bottles, cap, store in refrigerator, and use within 48 hours.

| LIQUID Mixing Chart (small volumes) | | | |
|---|---|---|---|
| **Caloric Density (Cal/fl oz)** | **Water (fl oz)** | **Concentrated Liquid (fl oz)** | **Approximate Yield (fl oz)** |
| 20 (standard) | 1 | 1 | 2 |
| 22 | 2½ | 3 | 5½ |
| 24 | 2 | 3 | 5 |
| 26 | 3 | 5½ | 8½ |
| 27 | 1 | 2 | 3 |
| 28 | 2 | 4½ | 6½ |
| 30 | 1 | 3 | 4 |

The following table shows the quantity of water to mix with one **13-fl-oz (384-mL) can of Concentrated Liquid** to arrive at the approximate caloric densities shown. To maintain freshness, pour prepared formula into individual feeding bottles, cap, store in refrigerator, and use within 48 hours.

**LIQUID Mixing Chart (13-fl-oz can)**

| Caloric Density (Cal/fl oz) | Water (fl oz) | Concentrated Liquid (fl oz) | Approximate Yield (fl oz) |
|---|---|---|---|
| 20 (standard) | 13 | 13 | 26 |
| 22 | 11 | 13 | 24 |
| 24 | 9 | 13 | 22 |
| 26 | 7 | 13 | 20 |
| 27 | 6 | 13 | 19 |
| 28 | 5½ | 13 | 18½ |
| 30 | 4½ | 13 | 17½ |

## Mixing Instructions: Similac® Human Milk Fortifiers

These products are for premature and low-birth-weight infants. Proper hygiene, handling, and storage are important when preparing fortified human milk. Follow directions as specified. Improper dilution may be harmful.

### Powder/Concentrated Liquids

The Powder or Concentrated Liquid Fortifiers are to be mixed with measured amounts of human milk to provide an additional 2 or 4 Cal/fl oz, as shown below.

**POWDER**

| Additional Cal Desired | Human Milk | Similac Human Milk Fortifier |
|---|---|---|
| 2 Cal/fl oz | 50 mL | 1 packet (0.9 g) |
| 4 Cal/fl oz | 25 mL | 1 packet (0.9 g) |

**CONCENTRATED LIQUID**

| Additional Cal Desired | Human Milk | Similac Human Milk Fortifier | Approximate Yield |
|---|---|---|---|
| 2 Cal/fl oz | 50 mL | 1 packet (5 mL) | 55 mL |
| 4 Cal/fl oz | 25 mL | 1 packet (5 mL) | 30 mL |

For high-calorie Human Milk Fortification options, see pages 108-109.

**Immediate Use**

- Pour desired quantity of human milk into clean feeding container.
- Product separation is normal when storing Concentrated Liquid. Massage packet contents until uniform.
- To open packet, tear top off completely along perforation.
- Add contents to human milk and **shake until mixed well**. If bottle feeding, use within 1 hour or discard.

**When Stored**

- Divide unused fortified human milk into individual bottles or syringes. Refrigerate and use within 24 hours.
- After refrigeration, warm to room temperature.
- Settling may occur; **shake for 10 seconds or until mixed well**. Feed promptly.
- For syringes, allow 5 mL headspace for mixing. Feed **vertically**, tip down.

**Note: Similac Human Milk Fortifier Concentrated Liquids are light-sensitive.** Keep protective carton lid closed when not in use. Keep unopened packets at room temperature in the protective carton.

**Caution:** Similac Human Milk Fortifiers are nutritionally incomplete by themselves and cannot be ingested alone.

## Preparation and Use: PediaSure® Ready-To-Hang Container

**PediaSure® Enteral Formula 1.0 Cal with Fiber, PediaSure® 1.5 Cal with Fiber, PediaSure® Peptide 1.0 Cal, PediaSure® Peptide 1.5 Cal**

All liquid medical foods, regardless of type of administration system, require careful handling because they can support microbial growth. Follow these instructions for clean technique and proper setup to reduce the potential for microbial contamination.
**NOTE:** Failure to follow the **Instructions for Use** increases the potential for microbial contamination and reduces hangtime.

- Administer product at room temperature.
- THOROUGHLY wash hands with soap and water before handling container or feeding set.
- Turn container upside down and SHAKE VIGOROUSLY, using a twisting motion for at least 10 seconds.
- DO NOT touch any part of the container or feeding set that comes into contact with the formula.
- Visually inspect foil for signs of leakage. DO NOT use if leakage is apparent.
- When initiating feeding, follow physician's instructions. Adjust flow rate and volume according to patient's condition and tolerance.
- Additional fluid requirements should be met by giving water between or after feedings or when flushing the tube.

### For Use with Enteral Feeding Pumps

- Remove dust cover from RTH Safety Screw Cap.
- Remove dust cover from feeding set connector.
- Insert feeding set connector into port of RTH Safety Screw Cap and completely pierce foil.
- Turn connector collar clockwise until it is securely fastened.
- Close clamp on feeding set before inverting container.
- Invert container and suspend, using hanging ring on bottom of container.

### Precautions

- Follow directions for use provided by manufacturer of feeding sets.
- Unless a shorter hangtime is specified by the set manufacturer, hang product for up to 48 hours after initial connection when clean technique and only one new set are used. Otherwise hang for no more than 24 hours.

## 8-fl-oz Can

- Store unopened at room temperature; avoid extreme temperatures.
- Shake well.
- Clean top of container thoroughly before opening.
- Once opened, cover, refrigerate and use within 48 hours.

### Oral Feeding

- May be used for total or supplemental nutrition.
- May be fed at room temperature or chilled.

### Tube Feeding

- Follow physician's instructions.
- Adjust flow rate, volume, and dilution according to child's condition and tolerance.
- Additional fluid requirements should be met by giving water between or after feedings or when flushing the tube.

# Term Infant Formulas

# Similac Pro-Advance™

Infant Formula with Iron


2'-FL HMO Human Milk Oligosaccharide*

- Clinically shown to support normal growth and tolerance in newborns[4,5]
- Clinically shown to support greater calcium absorption‡ for strong bones[6,7]
- Non-GMO
- Gluten-free
- Kosher, Halal

## Description/Indications

A **19 Cal/fl oz**, nutritionally complete, non-GMO†, milk-based, iron fortified standard infant formula designed to support both immune and cognitive development with key ingredients found in breast milk. For use as a supplement or alternative to breastfeeding.

## Features

- Similac Pro-Advance with 2'-FL Human Milk Oligosaccharide* helps strengthen the immune system to be more like the breastfed infant's than ever before[1-3]
- Nucleotides to help support the developing immune system[2,3]
- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E; these important ingredients are found in breast milk
  - DHA for brain and eye development
  - Lutein to support eye health
  - Vitamin E, an important nutrient found in breast milk to support developing cells
- Our exclusive formula has:
  - Calcium for strong bones—no palm olein oil
  - Prebiotics to help promote digestive health
  - Carotenoids like those naturally found in breast milk

## Precaution

- Not for infants or children with galactosemia


1. Goehring KC. *J Nutr* 2016;146(12):2559-2566.
2. Schaller JP, et al. *Pediatr Res* 2004;56(6):883-890.
3. Buck RH, et al. *Pediatr Res* 2004;56(6):891-900.
4. Marriage B, et al. *JPGN* 2015;61:649-653.
5. Kajzer J, et al. *FASEB J* 2016;30(lSpp):671-674.
6. Nelson SE, et al. *J Am Coll Nutr* 1998;17(4):327-332.
7. Koo W, et al. *Pediatrics* 2003;111:1017


* Not from human milk.
† Ingredients not genetically engineered.
‡ Similac® with Iron vs Enfamil® with Iron.



## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| **Custom Feeding System** | | |
| **Ready To Feed:** (19 Cal/fl oz) | | |
| 2 fl oz | plastic bottle; 48/case | 66178 |

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Ready To Feed:** (19 Cal/fl oz) | | |
| 2 fl oz | plastic bottle; 48/case | 57601 |
| **Powder:** (with measuring scoop) | | |
| 1.45 lb (658 g); yields 176 fl oz§ | container; 6/case | 66081 |

§ At standard density of 19 Cal/fl oz.

## Ingredients

**Ready To Feed:** Water, Nonfat Milk, Lactose, High Oleic Safflower Oil, Soy Oil, Coconut Oil, Whey Protein Concentrate. **Less than 0.5% of:** C. Cohnii Oil, M Alpina Oil, 2'-Fucosyllactose, Fructooligosaccharides, Beta-Carotene, Lutein, Lycopene, Ascorbic Acid, Calcium Carbonate, Potassium Citrate, Soy Lecithin, Monoglycerides, Potassium Chloride, Carrageenan, Magnesium Chloride, Ferrous Sulfate, Choline Bitartrate, Choline Chloride, Taurine, Calcium Phosphate, Potassium Phosphate, m-Inositol, Zinc Sulfate, Niacinamide, d-Alpha-Tocopheryl Acetate, Calcium Pantothenate, L-Carnitine, Riboflavin, Vitamin A Palmitate, Copper Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Vitamin $B_{12}$, Salt, Potassium Hydroxide and Nucleotides (Adenosine 5'-Monophosphate, Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate). **Contains milk and soy ingredients.**

### NUTRITION INFORMATION

| | 100 Cal | 1000 mL | | 100 Cal | 1000 mL |
|---|---|---|---|---|---|
| **Energy,** Cal | 100 | 643 | Biotin, mcg | 4.6 | 29.6 |
| **Volume,** mL | 156 | 1000 | Vitamin C, mg | 9 | 57.9 |
| **Protein,** g | 2.07 | 13.31 | Choline, mg | 24 | 154.3 |
| % Total Cal | 8 | 8 | Inositol, mg | 4.9 | 31.5 |
| Source | Nonfat milk, whey protein concentrate | | **Minerals** | | |
| **Fat,** g | 5.4 | 34.73 | Calcium, mg | 82 | 527 |
| % Total Cal | 49 | 49 | Calcium, mEq | 4.1 | 26.4 |
| Source | High oleic safflower oil, soy, and coconut oils (0.15% DHA, 0.40% ARA) | | Phosphorus, mg | 44 | 283 |
| Oil Ratio | 40:30:29 | 40:30:29 | Magnesium, mg | 6 | 38.6 |
| Linoleic Acid, mg | 1000 | 6431 | Iron, mg | 1.9 | 12.22 |
| **Carbohydrate,** g | 11 | 70.74 | Zinc, mg | 0.79 | 5.08 |
| % Total Cal | 43 | 43 | Manganese, mcg | 5 | 32.2 |
| Source | Lactose | | Copper, mcg | 95 | 611 |
| Prebiotic | 2'-FL human milk oligosaccharides, fructooligosaccharides | | Iodine, mcg | 6 | 39 |
| **Vitamins** | | | Selenium, mcg | 2 | 13 |
| Vitamin A, IU | 300 | 1929 | Sodium, mg | 25 | 161 |
| Vitamin D, IU | 75 | 482 | Sodium, mEq | 1.1 | 7.1 |
| Vitamin E, IU | 1.5 | 9.6 | Potassium, mg | 110 | 707 |
| Vitamin K, mcg | 8 | 51.4 | Potassium, mEq | 2.8 | 18 |
| Thiamin (Vit $B_1$), mcg | 100 | 643 | Chloride, mg | 68 | 437 |
| Riboflavin (Vit $B_2$), mcg | 160 | 1029 | Chloride, mEq | 1.9 | 12.2 |
| Vitamin $B_6$, mcg | 63 | 405 | **Other Characteristics** | | |
| Vitamin $B_{12}$, mcg | 0.26 | 1.67 | PRSL, mOsm | 19.1 | 122.8 |
| Niacin, mcg | 1100 | 7074 | Water, g | 141 | 907 |
| Folic Acid, mcg | 16 | 102.9 | Osmolality, mOsm/kg $H_2O$ | 310 | 310 |
| Pantothenic Acid, mcg | 470 | 3023 | | | |

C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

# Similac® Advance® NON-GMO*

Infant Formula with Iron


## Description/Indications

A **19 Cal/fl oz**, nutritionally complete, non-GMO, milk-based, iron-fortified infant formula for use as a supplement or alternative to breastfeeding.

## Features

- A non-GMO option for complete nutrition for baby's first year
- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E; these important ingredients are found in breast milk
  - DHA for brain and eye development
  - Lutein to support eye health
  - Vitamin E, an important nutrient found in breast milk to support developing cells
- Our exclusive formula has:
  - Calcium for strong bones—no palm olein oil
  - Nucleotides to help support the immune system
  - Prebiotics to help promote digestive health
  - Carotenoids like those naturally found in breast milk
- Clinically proven tolerance in newborns[1]
- Clinically shown to support greater calcium absorption† for strong bones[2,3]
- Gluten-free
- Kosher, Halal

## Precaution

- Not for infants or children with galactosemia

1. Lloyd B, et al. *Pediatrics* 1999;103:1-6.
2. Nelson SE, et al. *J Am Coll Nutr* 1998;17(4):327-332.
3. Koo W, et al. *Pediatrics* 2003;111:1017.

* Ingredients not genetically engineered.
† Similac® with Iron vs Enfamil® with Iron.



## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Ready To Feed:** (19 Cal/fl oz) | | |
| 1 qt (1.1 L) | plastic bottle; 6/case | 64248 |
| **Powder:** (with measuring scoop) | | |
| 1.45 lb (658 g); yields 176 fl oz‡ | container; 6/case | 64242 |

‡At standard density of 19 Cal/fl oz.

## Ingredients

**Ready To Feed:** Water, Nonfat Milk, Lactose, High Oleic Safflower Oil, Soy Oil, Galactooligosaccharides, Coconut Oil, Whey Protein Concentrate. **Less than 0.5% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Lycopene, Ascorbic Acid, Soy Lecithin, Monoglycerides, Potassium Citrate, Calcium Carbonate, Potassium Chloride, Carrageenan, Ferrous Sulfate, Magnesium Chloride, Choline Chloride, Choline Bitartrate, Taurine, m-Inositol, Calcium Phosphate, Zinc Sulfate, Potassium Phosphate, d-Alpha-Tocopheryl Acetate, Niacinamide, Calcium Pantothenate, L-Carnitine, Vitamin A Palmitate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin, Salt, Potassium Hydroxide, and Nucleotides (Adenosine 5'-Monophosphate, Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate). **Contains milk and soy ingredients.**

### NUTRITION INFORMATION

| | 100 Cal | 1000 mL |
|---|---|---|
| **Energy,** Cal | 100 | 643 |
| **Volume,** mL | 156 | 1000 |
| **Protein,** g | 2.07 | 13.31 |
| % Total Cal | 8 | 8 |
| Source | Nonfat milk and whey protein concentrate | |
| **Fat,** g | 5.40 | 34.73 |
| % Total Cal | 49 | 49 |
| Source | High oleic safflower oil, soy, and coconut oils (0.15% DHA, 0.40% ARA) | |
| Oil Ratio | 40:30:29 | 40:30:29 |
| Linoleic Acid, mg | 1000 | 6431 |
| **Carbohydrate,** g | 11.2 | 72 |
| % Total Cal | 43 | 43 |
| Source | Lactose | |
| Prebiotic | Galactooligosaccharides | |
| **Vitamins** | | |
| Vitamin A, IU | 300 | 1929 |
| Vitamin D, IU | 75 | 482 |
| Vitamin E, IU | 1.5 | 9.6 |
| Vitamin K, mcg | 8 | 51 |
| Thiamin (Vit $B_1$), mcg | 100 | 643 |
| Riboflavin (Vit $B_2$), mcg | 160 | 1029 |
| Vitamin $B_6$, mcg | 63 | 405 |
| Vitamin $B_{12}$, mcg | 0.26 | 1.67 |
| Niacin, mcg | 1100 | 7074 |
| Folic Acid, mcg | 16 | 103 |
| Pantothenic Acid, mcg | 470 | 3023 |
| Biotin, mcg | 4.6 | 29.6 |
| Vitamin C, mg | 9 | 58 |
| Choline, mg | 24 | 154 |
| Inositol, mg | 4.9 | 31.5 |
| **Minerals** | | |
| Calcium, mg | 82 | 527 |
| Calcium, mEq | 4.1 | 26.4 |
| Phosphorus, mg | 44 | 283 |
| Magnesium, mg | 6 | 39 |
| Iron, mg | 1.9 | 12.2 |
| Zinc, mg | 0.79 | 5.08 |
| Manganese, mcg | 5 | 32 |
| Copper, mcg | 95 | 611 |
| Iodine, mcg | 6 | 39 |
| Selenium, mcg | 2 | 13 |
| Sodium, mg | 25 | 161 |
| Sodium mEq | 1.1 | 7.1 |
| Potassium, mg | 110 | 707 |
| Potassium, mEq | 2.8 | 18 |
| Chloride, mg | 68 | 437 |
| Chloride, mEq | 1.9 | 12.2 |
| **Other Characteristics** | | |
| PRSL, mOsm | 19.1 | 122.8 |
| Water, g | 141 | 907 |
| Osmolality, mOsm/kg $H_2O$ | 310 | 310 |

C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

# Similac® Advance®

Infant Formula with Iron


## Description/Indications

A **19 Cal/fl oz**, nutritionally complete, milk-based, iron-fortified infant formula for use as a supplement or alternative to breastfeeding.

## Features

- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E; these important ingredients are found in breast milk
  - DHA for brain and eye development
  - Lutein to support eye health
  - Vitamin E, an important nutrient found in breast milk to support developing cells
- Our exclusive formula has:
  - Calcium for strong bones—no palm olein oil
  - Nucleotides to help support the immune system
  - Prebiotics to help promote digestive health
  - Carotenoids like those naturally found in breast milk
- Clinically proven tolerance in newborns[1]
- Clinically shown to support greater calcium absorption* for strong bones[2,3]
- Gluten-free
- Kosher, Halal

## Precaution

- Not for infants or children with galactosemia

1. Lloyd B, et al. *Pediatrics* 1999;103:1-6.
2. Nelson SE, et al. *J Am Coll Nutr* 1998;17(4):327-332.
3. Koo W, et al. *Pediatrics* 2003;111:1017.

* Similac® with Iron vs Enfamil® with Iron.
Enfamil is not a trademark of Abbott Laboratories.

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Powder:** (with measuring scoop) | | |
| 1.45 lb (658 g); yields 176 fl oz† | container; 6/case | 53359 |

† At standard density of 19 Cal/fl oz.

## Ingredients

**Unflavored Powder:** Nonfat Milk, Lactose, Whey Protein Concentrate, High Oleic Safflower Oil, Soy Oil, Coconut Oil, Galactooligosaccharides. **Less than 2% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Lycopene, Potassium Citrate, Calcium Carbonate, Ascorbic Acid, Soy Lecithin, Potassium Chloride, Magnesium Chloride, Ferrous Sulfate, Choline Bitartrate, Choline Chloride, Ascorbyl Palmitate, Salt, Taurine, m-Inositol, Zinc Sulfate, Mixed Tocopherols, d-Alpha-Tocopheryl Acetate, Niacinamide, Calcium Pantothenate, L-Carnitine, Vitamin A Palmitate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin, Calcium Phosphate, Potassium Phosphate, Potassium Hydroxide, and Nucleotides (Adenosine 5'-Monophosphate, Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate). **Contains milk and soy ingredients.**

### NUTRITION INFORMATION

| | 100 Cal | 1000 mL | | 100 Cal | 1000 mL |
|---|---|---|---|---|---|
| **Energy,** Cal | 100 | 643 | Biotin, mcg | 4.6 | 29.6 |
| **Volume,** mL | 156 | 1000 | Vitamin C, mg | 9 | 58 |
| **Protein,** g | 2.07 | 13.31 | Choline, mg | 24 | 154 |
| % Total Cal | 8 | 8 | Inositol, mg | 4.9 | 31.5 |
| Source | Nonfat milk and whey protein concentrate | | **Minerals** | | |
| **Fat,** g | 5.6 | 36 | Calcium, mg | 82 | 527 |
| % Total Cal | 50 | 50 | Calcium, mEq | 4.1 | 26.4 |
| Source | High oleic safflower, soy, and coconut oils (0.15% DHA; 0.40% ARA) | | Phosphorus, mg | 44 | 283 |
| Oil Ratio | 40:30:29 | 40:30:29 | Magnesium, mg | 6 | 39 |
| Linoleic Acid, mg | 1000 | 6431 | Iron, mg | 1.9 | 12.2 |
| **Carbohydrate,** g | 10.7 | 69 | Zinc, mg | 0.79 | 5.08 |
| % Total Cal | 41 | 41 | Manganese, mcg | 5 | 32 |
| Source | Lactose | | Copper, mcg | 95 | 611 |
| Prebiotic | Galactooligosaccharides | | Iodine, mcg | 6 | 39 |
| **Vitamins** | | | Selenium, mcg | 2 | 13 |
| Vitamin A, IU | 300 | 1929 | Sodium, mg | 25 | 161 |
| Vitamin D, IU | 75 | 482 | Sodium, mEq | 1.1 | 7.1 |
| Vitamin E, IU | 1.5 | 9.6 | Potassium, mg | 110 | 707 |
| Vitamin K, mcg | 8 | 51 | Potassium, mEq | 2.8 | 18 |
| Thiamin (Vit $B_1$), mcg | 100 | 643 | Chloride, mg | 68 | 437 |
| Riboflavin (Vit $B_2$), mcg | 160 | 1029 | Chloride, mEq | 1.9 | 12.2 |
| Vitamin $B_6$, mcg | 63 | 405 | **Other Characteristics** | | |
| Vitamin $B_{12}$, mcg | 0.26 | 1.67 | PRSL, mOsm | 19.1 | 122.8 |
| Niacin, mcg | 1100 | 7074 | Water, g | 141 | 907 |
| Folic Acid, mcg | 16 | 103 | Osmolality, mOsm/kg $H_2O$ | 310 | 310 |
| Pantothenic Acid, mcg | 470 | 3023 | | | |

C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

# Similac® Advance®

Infant Formula with Iron


## Description/Indications

A **20 Cal/fl oz**, nutritionally complete, milk-based, iron-fortified infant formula for use as a supplement or alternative to breastfeeding.

## Features

- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E; these important ingredients are found in breast milk
  - DHA for brain and eye development
  - Lutein to support eye health
  - Vitamin E, an important nutrient found in breast milk to support developing cells
- Our exclusive formula has:
  - Calcium for strong bones—no palm olein oil
  - Nucleotides to help support the immune system
  - Prebiotics to help promote digestive health
  - Carotenoids like those naturally found in breast milk
- Clinically proven tolerance in newborns[1]
- Clinically shown to support greater calcium absorption* for strong bones[2,3]
- Gluten-free
- Kosher, Halal

## Precaution

- Not for infants or children with galactosemia

1. Lloyd B, et al. *Pediatrics* 1999;103:1-6.
2. Nelson SE, et al. *J Am Coll Nutr* 1998;17(4):327-332.
3. Koo W, et al. *Pediatrics* 2003;111:1017.

* Similac® with Iron vs Enfamil® with Iron.
Enfamil is not a trademark of Abbott Laboratories.

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Ready To Feed:** (20 Cal/fl oz) | | |
| 1 qt | plastic bottle; 6/case | 53363 |
| **Concentrated Liquid:** (40 Cal/fl oz) | | |
| 13 fl oz | can; 12/case | 56973 |
| **Powder:** (with measuring scoop) | | |
| 12.4 oz (352 g); yields 90 fl oz† | container; 6/case | 55957 |

† At standard density of 20 Cal/fl oz.

## Ingredients

**Ready To Feed:** Water, Nonfat Milk, Lactose, High Oleic Safflower Oil, Soy Oil, Coconut Oil, Galactooligosaccharides, Whey Protein Concentrate. **Less than 0.5% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Lycopene, Ascorbic Acid, Calcium Carbonate, Potassium Citrate, Soy Lecithin, Monoglycerides, Potassium Chloride, Carrageenan, Magnesium Chloride, Ferrous Sulfate, Choline Bitartrate, Choline Chloride, Taurine, Calcium Phosphate, Potassium Phosphate, m-Inositol, Zinc Sulfate, Niacinamide, d-Alpha-Tocopheryl Acetate, Calcium Pantothenate, L-Carnitine, Riboflavin, Vitamin A Palmitate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin, Salt, Potassium Hydroxide, and Nucleotides (Adenosine 5'-Monophosphate, Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate). **Contains milk and soy ingredients.**

### NUTRITION INFORMATION

| | 100 Cal | 1000 mL | | 100 Cal | 1000 mL |
|---|---|---|---|---|---|
| **Energy,** Cal | 100 | 676 | Biotin, mcg | 4.4 | 29.8 |
| **Volume,** mL | 148 | 1000 | Vitamin C, mg | 9 | 61 |
| **Protein,** g | 2.07 | 14.00 | Choline, mg | 16 | 108 |
| % Total Cal | 8 | 8 | Inositol, mg | 4.7 | 31.8 |
| Source | Nonfat milk and whey protein concentrate | | **Minerals** | | |
| **Fat,** g | 5.4 | 36.5 | Calcium, mg | 78 | 528 |
| % Total Cal | 49 | 49 | Calcium, mEq | 3.9 | 26.3 |
| Source | High oleic safflower, soy, and coconut oils (0.15% DHA; 0.40% ARA) | | Phosphorus, mg | 42 | 284 |
| Oil Ratio | 40:30:29 | 40:30:29 | Magnesium, mg | 6 | 41 |
| Linoleic Acid, mg | 1000 | 6757 | Iron, mg | 1.8 | 12 |
| **Carbohydrate,** g | 11.2 | 75.7 | Zinc, mg | 0.75 | 5.07 |
| % Total Cal | 43 | 43 | Manganese, mcg | 5 | 34 |
| Source | Lactose | | Copper, mcg | 90 | 609 |
| Prebiotic | Galactooligosaccharides | | Iodine, mcg | 6 | 41 |
| **Vitamins** | | | Selenium, mcg | 2 | 14 |
| Vitamin A, IU | 300 | 2029 | Sodium, mg | 24 | 162 |
| Vitamin D, IU | 75 | 507 | Sodium, mEq | 1 | 7.1 |
| Vitamin E, IU | 1.5 | 10.1 | Potassium, mg | 105 | 710 |
| Vitamin K, mcg | 8 | 54 | Potassium, mEq | 2.7 | 18.2 |
| Thiamin (Vit $B_1$), mcg | 100 | 676 | Chloride, mg | 65 | 440 |
| Riboflavin (Vit $B_2$), mcg | 150 | 1014 | Chloride, mEq | 1.8 | 12.4 |
| Vitamin $B_6$, mcg | 60 | 406 | **Other Characteristics** | | |
| Vitamin $B_{12}$, mcg | 0.25 | 1.69 | PRSL, mOsm | 18.7 | 126.7 |
| Niacin, mcg | 1050 | 7101 | Water, g | 133 | 899 |
| Folic Acid, mcg | 15 | 101 | Osmolality, mOsm/kg $H_2O$ | 310 | 310 |
| Pantothenic Acid, mcg | 450 | 3043 | | | |

C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

# Similac® For Supplementation NON-GMO*

Infant Formula with Iron


## Description/Indications

A **19 Cal/fl oz**, nutritionally complete, milk-based, iron-fortified, non-GMO formula for breastfeeding moms who choose to introduce formula.

## Features

- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E; these important ingredients are found in breast milk
  - DHA for brain and eye development
  - Lutein to support eye health
  - Vitamin E, an important nutrient found in breast milk to support developing cells
- Our exclusive formula has:
  - Calcium for strong bones—no palm olein oil
  - Nucleotides to help support the immune system
  - Prebiotics to help promote digestive health
  - Carotenoids like those naturally found in breast milk
- Has approximately 10% more prebiotics than Similac® Advance®
- Gluten-free
- Kosher, Halal

## Precaution

- Not for infants or children with galactosemia

* Ingredients not genetically engineered.

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| **Custom Feeding System** | | |
| **Ready To Feed:** (19 Cal/fl oz) | | |
| 2 fl oz | plastic bottle; 48/case | 63092 |

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Ready To Feed:** (19 Cal/fl oz) | | |
| 2 fl oz | plastic bottle; 48/case | 62991 |
| **Powder:** (with measuring scoop) | | |
| 1.45 lb (658 g); yields 176 fl oz† | container; 4/case | 63013 |

† At standard density of 19 Cal/fl oz.

## Ingredients

**Ready To Feed:** Water, Nonfat Milk, Lactose, High Oleic Safflower Oil, Soy Oil, Galactooligosaccharides, Coconut Oil, Whey Protein Concentrate. **Less than 0.5% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Lycopene, Ascorbic Acid, Soy Lecithin, Monoglycerides, Potassium Citrate, Calcium Carbonate, Potassium Chloride, Carrageenan, Ferrous Sulfate, Magnesium Chloride, Choline Chloride, Choline Bitartrate, Taurine, m-Inositol, Calcium Phosphate, Zinc Sulfate, Potassium Phosphate, d-Alpha-Tocopheryl Acetate, Niacinamide, Calcium Pantothenate, L-Carnitine, Vitamin A Palmitate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin, Salt, Potassium Hydroxide and Nucleotides (Adenosine 5'-Monophosphate, Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate). **Contains milk and soy ingredients.**

### NUTRITION INFORMATION

| | 100 Cal | 1000 mL | | 100 Cal | 1000 mL |
|---|---|---|---|---|---|
| **Energy,** Cal | 100 | 643 | Biotin, mcg | 4.6 | 29.6 |
| **Volume,** mL | 156 | 1000 | Vitamin C, mg | 9 | 58 |
| **Protein,** g | 2.07 | 13.31 | Choline, mg | 24 | 154 |
| % Total Cal | 8 | 8 | Inositol, mg | 4.9 | 31.5 |
| Source | Nonfat milk, whey protein concentrate | | **Minerals** | | |
| **Fat,** g | 5.40 | 34.73 | Calcium, mg | 82 | 527 |
| % Total Cal | 49 | 49 | Calcium, mEq | 4.1 | 26.4 |
| Source | High oleic safflower oil, soy, and coconut oils (0.15% DHA, 0.40% ARA) | | Phosphorus, mg | 44 | 283 |
| Oil Ratio | 40:30:29 | 40:30:29 | Magnesium, mg | 6 | 39 |
| Linoleic Acid, mg | 1000 | 6431 | Iron, mg | 1.9 | 12.2 |
| **Carbohydrate,** g | 11.3 | 72.7 | Zinc, mg | 0.79 | 5.08 |
| % Total Cal | 43 | 43 | Manganese, mcg | 5 | 32 |
| Source | Lactose | | Copper, mcg | 95 | 611 |
| Prebiotic | Galactooligosaccharides | | Iodine, mcg | 6 | 39 |
| **Vitamins** | | | Selenium, mcg | 2 | 13 |
| Vitamin A, IU | 300 | 1929 | Sodium, mg | 25 | 161 |
| Vitamin D, IU | 75 | 482 | Sodium, mEq | 1.1 | 7.1 |
| Vitamin E, IU | 1.5 | 9.6 | Potassium, mg | 110 | 707 |
| Vitamin K, mcg | 8 | 51 | Potassium, mEq | 2.8 | 18 |
| Thiamin (Vit $B_1$), mcg | 100 | 643 | Chloride, mg | 68 | 437 |
| Riboflavin (Vit $B_2$), mcg | 160 | 1029 | Chloride, mEq | 1.9 | 12.2 |
| Vitamin $B_6$, mcg | 63 | 405 | **Other Characteristics** | | |
| Vitamin $B_{12}$, mcg | 0.26 | 1.67 | PRSL, mOsm | 19.1 | 122.8 |
| Niacin, mcg | 1100 | 7074 | Water, g | 141 | 907 |
| Folic Acid, mcg | 16 | 103 | Osmolality, mOsm/kg $H_2O$ | 290 | 290 |
| Pantothenic Acid, mcg | 470 | 3023 | | | |

C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

# Pure Bliss™ by Similac®

Infant Formula with Iron


## Description/Indications

A **19 Cal/fl oz**, nutritionally complete, non-GMO,* milk-based, iron-fortified infant formula that starts with fresh milk from grass-fed cows. For use as a supplement or alternative to breastfeeding.

## Features

- A non-GMO option for complete nutrition for baby's first 12 months
- No artificial growth hormones†
- Contains no antibiotics
- Supports brain and eye development
- Calcium for strong bones—no palm olein oil
- Gluten-free
- Kosher, Halal

## Precaution

- Not for infants or children with galactosemia

*Ingredients not genetically engineered.
†No significant difference has been shown between milk derived from rbST-treated and non-rbST-treated cows.

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Powder:** (with measuring scoop) | | |
| 12.4 oz (352 g); yields 95 fl oz‡ | can; 4/carton | 65096 |
| 31.8 oz (900 g); yields 240 fl oz‡ | can; 4/carton | 65094 |

‡At standard density of 19 Cal/fl oz.

## Ingredients

**Unflavored Powder:** Nonfat Milk, Lactose, High Oleic Sunflower Oil, Whey Protein Concentrate, Soy Oil, Coconut Oil, Galactooligosaccharides. **Less than 2% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Potassium Citrate, Calcium Carbonate, Ascorbic Acid, Soy Lecithin, Potassium Chloride, Magnesium Chloride, Ferrous Sulfate, Choline Bitartrate, Choline Chloride, Ascorbyl Palmitate, Salt, Taurine, m-Inositol, Zinc Sulfate, Mixed Tocopherols, d-Alpha-Tocopheryl Acetate, Niacinamide, Calcium Pantothenate, L-Carnitine, Vitamin A Palmitate, Copper Sulfate, Thiamine Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Vitamin $B_{12}$, Calcium Phosphate, Potassium Hydroxide, Potassium Iodide, and Nucleotides (Adenosine 5'-Monophosphate, Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate). **Contains milk and soy ingredients**.

### NUTRITION INFORMATION

| | 100 Cal (5.3 fl oz, as prepared) | 1000 mL (1.1 qt, as prepared) | | 100 Cal (5.3 fl oz, as prepared) | 1000 mL (1.1 qt, as prepared) |
|---|---|---|---|---|---|
| **Energy,** Cal | 100 | 643 | Biotin, mcg | 4.6 | 29.6 |
| **Volume,** mL | 156 | 1000 | Vitamin C, mg | 9 | 58 |
| **Protein,** g | 2.07 | 13.31 | Choline, mg | 24 | 154.3 |
| % Total Calories | 8 | 8 | Inositol, mg | 4.9 | 31.5 |
| Source | Nonfat milk and whey protein concentrate | | **Minerals** | | |
| **Fat,** g | 5.6 | 36.2 | Calcium, mg | 82 | 527 |
| % Total Calories | 50 | 50 | Calcium, mEq | 4.1 | 26.4 |
| Source | High oleic sunflower oil, soy, and coconut oils (0.15% DHA, 0.40% ARA) | | Phosphorus, mg | 44 | 283 |
| Oil Ratio | 40:30:29 | 40:30:29 | Magnesium, mg | 6 | 38.6 |
| Linoleic Acid, mg | 938 | 6431 | Iron, mg | 1.9 | 12.2 |
| **Carbohydrate,** g | 10.7 | 69.2 | Zinc, mg | 0.79 | 5.08 |
| % Total Calories | 42 | 42 | Manganese, mcg | 5 | 32.2 |
| Source | Lactose | | Copper, mcg | 95 | 611 |
| Prebiotic | Galactooligosaccharides | | Iodine, mcg | 8 | 39 |
| **Vitamins** | | | Selenium, mcg | 2 | 13 |
| Vitamin A, IU | 300 | 1929 | Sodium, mg | 25 | 161 |
| Vitamin D, IU | 75 | 482 | Sodium, mEq | 1.1 | 7.1 |
| Vitamin E, IU | 1.5 | 9.6 | Potassium, mg | 110 | 707 |
| Vitamin K, mcg | 8 | 51.4 | Potassium, mEq | 2.8 | 18 |
| Thiamin (Vit $B_1$), mcg | 100 | 643 | Chloride, mg | 68 | 437 |
| Riboflavin (Vit $B_2$), mcg | 160 | 1029 | Chloride, mEq | 1.9 | 12.2 |
| Vitamin $B_6$, mcg | 63 | 405 | **Other Characteristics** | | |
| Vitamin $B_{12}$, mcg | 0.26 | 1.67 | PRSL, mOsm | 19.1 | 122.8 |
| Niacin, mcg | 1100 | 7074 | Water, g | 141 | 907 |
| Folic Acid, mcg | 16 | 102.9 | Osmolality, mOsm/kg $H_2O$ | 305 | 305 |
| Pantothenic Acid, mcg | 470 | 3023 | | | |

C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

# Similac® Organic

Infant Formula with Iron


## Description/Indications

A **20 Cal/fl oz**, nutritionally complete, organic, milk-based, iron-fortified infant formula for use as a supplement or alternative to breastfeeding. Certified USDA Organic.

## Features

- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E; these important ingredients are found in breast milk
  - DHA for brain and eye development
  - Lutein to support eye health
  - Vitamin E, an important nutrient found in breast milk to support developing cells
- Our exclusive formula has:
  - Calcium for strong bones—no palm olein oil
  - Nucleotides to help support the immune system
  - Prebiotics to help promote digestive health
  - Carotenoids like those naturally found in breast milk
- Made with wholesome organic milk and other organic ingredients
- Gluten-free
- Kosher, Halal

## Precaution

- Not for infants or children with galactosemia

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| **Custom Feeding System** | | |
| **Ready To Feed:** (20 Cal/fl oz) | | |
| 2 fl oz | plastic bottle; 48/case | 56525 |

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Ready To Feed:** (20 Cal/fl oz) | | |
| 1 qt | plastic bottle; 6/case | 59883 |
| **Powder:** (with measuring scoop) | | |
| 1.45 lb (658 g); yields 170 fl oz* | container; 6/case | 50821 |

* At standard density of 20 Cal/fl oz.

## Ingredients

**Ready To Feed:** Water, Organic Nonfat Milk, Organic Maltodextrin, Organic Sugar, Organic High Oleic Sunflower Oil, Organic Soy Oil, Organic Coconut Oil. **Less than 0.5% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Lycopene, Fructooligosaccharides, Potassium Citrate, Calcium Carbonate, Ascorbic Acid, Organic Soy Lecithin, Carrageenan, Magnesium Chloride, Salt, Ferrous Sulfate, Choline Chloride, Choline Bitartrate, Taurine, m-Inositol,d-Alpha-Tocopheryl Acetate, L-Carnitine, Zinc Sulfate, Niacinamide, Calcium Pant6othenate, Riboflavin, Vitamin A Palmitate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Phylloquinone, Biotin, Potassium Iodide, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin, Potassium Hydroxide and Nucleotides (Adenosine 5'-Monophosphate, Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate). **Contains milk and soy ingredients.**

## NUTRITION INFORMATION

| | 100 Cal | 1000 mL |
|---|---|---|
| **Energy,** Cal | 100 | 676 |
| **Volume,** mL | 148 | 1000 |
| **Protein,** g | 2.07 | 14.0 |
| % Total Cal | 8 | 8 |
| Source | Organic nonfat milk | |
| **Fat,** g | 5.40 | 36.52 |
| % Total Cal | 49 | 49 |
| Source | Organic high oleic sunflower, organic soy, and organic coconut oils (0.15% DHA, 0.40% ARA) | |
| Oil Ratio | 40:30:29 | 40:30:29 |
| Linoleic Acid, mg | 860 | 5816 |
| **Carbohydrate,** g | 10.9 | 73.7 |
| % Total Cal | 43 | 43 |
| Source | Organic maltodextrin, organic lactose†, organic sugar | |
| Ratio | 46:27:27 | 46:27:27 |
| Prebiotic | Fructooligosaccharides | |
| **Vitamins** | | |
| Vitamin A, IU | 300 | 2029 |
| Vitamin D, IU | 60 | 406 |
| Vitamin E, IU | 1.5 | 10.1 |
| Vitamin K, mcg | 8 | 54 |
| Thiamin (Vit $B_1$), mcg | 100 | 676 |
| Riboflavin (Vit $B_2$), mcg | 150 | 1014 |
| Vitamin $B_6$, mcg | 60 | 406 |
| Vitamin $B_{12}$, mcg | 0.25 | 1.69 |
| Niacin, mcg | 1050 | 7101 |
| Folic Acid, mcg | 15 | 101 |
| Pantothenic Acid, mcg | 450 | 3043 |
| Biotin, mcg | 4.4 | 29.8 |
| Vitamin C, mg | 9 | 61 |
| Choline, mg | 16 | 108 |
| Inositol, mg | 4.7 | 31.8 |
| **Minerals** | | |
| Calcium, mg | 78 | 528 |
| Calcium, mEq | 3.9 | 26.3 |
| Phosphorus, mg | 42 | 284 |
| Magnesium, mg | 6 | 41 |
| Iron, mg | 1.8 | 12.2 |
| Zinc, mg | 0.75 | 5.07 |
| Manganese, mcg | 5 | 34 |
| Copper, mcg | 90 | 609 |
| Iodine, mcg | 6 | 41 |
| Selenium, mcg | 2 | 14 |
| Sodium, mg | 24 | 162 |
| Sodium, mEq | 1.0 | 7.1 |
| Potassium, mg | 105 | 710 |
| Potassium, mEq | 2.7 | 18.1 |
| Chloride, mg | 65 | 439 |
| Chloride, mEq | 1.8 | 12.4 |
| **Other Characteristics** | | |
| PRSL, mOsm | 18.7 | 126.8 |
| Water, g | 133 | 899 |
| Osmolality, mOsm/kg $H_2O$ | 225 | 225 |

† Lactose in organic nonfat milk.
C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

# Similac®
# Soy Isomil®

Infant Formula with Iron


## Description/Indications

A **19 Cal/fl oz**, nutritionally complete, soy-based infant formula for infants with feeding problems such as fussiness and gas; for infants whose parents choose a milk-free formula as a first feeding or as a supplement to breastfeeding; and for infants of vegetarian families. A lactose-free feeding for infants with disorders for which lactose should be avoided, including lactase deficiency, lactose intolerance, and galactosemia.

## Features

- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E; these important ingredients are found in breast milk
  - DHA for brain and eye development
  - Lutein to support eye health
  - Vitamin E, an important nutrient found in breast milk to support developing cells
- Our exclusive formula has:
  - Calcium for strong bones—no palm olein oil
  - Nucleotides to help support the immune system*
  - Prebiotics to help promote digestive health
  - Carotenoids like those naturally found in breast milk
- Easy-to-digest
- The only soy formula clinically shown to help support the developing immune system,[1,2] similar to infants fed human milk/milk-based formula†
- Excellent growth during baby's first year[3]
- Soy protein isolate to help manage IgE-mediated cow's milk protein allergy or sensitivity
- A unique blend of carbohydrates using two different absorption pathways to help maximize absorption and minimize malabsorption risks
- Low osmolality (200 mOsm/kg water)
- Gluten-free
- Kosher, Halal

## Precaution

- Soy formulas are not recommended for premature infants with birth weights less than 1800 g

1. Ostrom KM, et al. *J Ped Gastroenterol Nutr* 2002;34:137-144.
2. Cordle CT, et al. *J Ped Gastroenterol Nutr* 2002;34:145-153.
3. Lasekan JB, et al. *Clin Pediatr* 1999;38:563-571.

* Soy protein isolate is a source of nucleotides.

† Exclusively breastfed for at least 2 months and weaned to milk-based formula without added nucleotides.

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| **Custom Feeding System** | | |
| **Ready To Feed:** (19 Cal/fl oz) | | |
| 2 fl oz | plastic bottle; 48/case | 56308 |

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Powder:** (with measuring scoop) | | |
| 1.45 lb (658 g); yields 176 fl oz‡ | container; 6/case | 50819 |

‡ At standard density of 19 Cal/fl oz.

## Ingredients

**Ready To Feed:** Water (87%), Corn Syrup (6%), Soy Protein Isolate (2%), High Oleic Safflower Oil (1%), Sugar (1%), Soy Oil (1%), Coconut Oil (1%). **Less than 0.5% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Lycopene, Fructooligosaccharides, Calcium Citrate, Calcium Phosphate, Potassium Phosphate, Ascorbic Acid, Magnesium Chloride, Potassium Citrate, Monoglycerides, Soy Lecithin, Salt, L-Methionine, Carrageenan, Choline Chloride, Potassium Chloride, Taurine, Ferrous Sulfate, m-Inositol, Zinc Sulfate, L-Carnitine, Niacinamide, d-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Cupric Sulfate, Vitamin A Palmitate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Potassium Iodide, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin and Potassium Hydroxide. **Contains soy ingredients.**

## NUTRITION INFORMATION

| | 100 Cal | 1000 mL | | 100 Cal | 1000 mL |
|---|---|---|---|---|---|
| **Energy,** Cal | 100 | 643 | Pantothenic Acid, mcg | 780 | 5016 |
| **Volume,** mL | 156 | 1000 | Biotin, mcg | 4.7 | 30.2 |
| **Protein,** g | 2.45 | 15.76 | Vitamin C, mg | 9 | 58 |
| % Total Cal | 10 | 10 | Choline, mg | 24 | 154 |
| Source | Soy protein isolate, L-methionine | | Inositol, mg | 5 | 32.2 |
| **Fat,** g | 5.46 | 35.11 | **Minerals** | | |
| % Total Cal | 49 | 49 | Calcium, mg | 110 | 707 |
| Source | High oleic safflower, soy, and coconut oils (0.15% DHA, 0.40% ARA) | | Calcium, mEq | 5.5 | 35.4 |
| Oil Ratio | 40:30:29 | 40:30:29 | Phosphorus, mg | 79 | 508 |
| Linoleic Acid, mg | 1000 | 6431 | Magnesium, mg | 7.9 | 51 |
| **Carbohydrate,** g | 10.4 | 66.9 | Iron, mg | 1.9 | 12.2 |
| % Total Cal | 41 | 41 | Zinc, mg | 0.79 | 5.08 |
| Source | Corn syrup, sugar | | Manganese, mcg | 25 | 161 |
| Ratio | 80:20 | 80:20 | Copper, mcg | 79 | 508 |
| Prebiotic | Fructooligosaccharides | | Iodine, mcg | 16 | 103 |
| **Vitamins** | | | Selenium, mcg | 2 | 13 |
| Vitamin A, IU | 300 | 1929 | Sodium, mg | 46 | 296 |
| Vitamin D, IU | 60 | 386 | Sodium, mEq | 2 | 12.9 |
| Vitamin E, IU | 1.5 | 9.6 | Potassium, mg | 110 | 707 |
| Vitamin K, mcg | 11 | 71 | Potassium, mEq | 2.8 | 18 |
| Thiamin (Vit $B_1$), mcg | 63 | 405 | Chloride, mg | 65 | 418 |
| Riboflavin (Vit $B_2$), mcg | 95 | 611 | Chloride, mEq | 1.8 | 11.6 |
| Vitamin $B_6$, mcg | 63 | 405 | **Other Characteristics** | | |
| Vitamin $B_{12}$, mcg | 0.47 | 3.02 | PRSL, mOsm | 23.2 | 149.2 |
| Niacin, mcg | 1400 | 9003 | Water, g | 141 | 907 |
| Folic Acid, mcg | 16 | 103 | Osmolality, mOsm/kg $H_2O$ | 200 | 200 |

C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

# Similac®
# Soy Isomil®

Infant Formula with Iron


## Description/Indications

A **20 Cal/fl oz**, nutritionally complete, soy-based infant formula for infants with feeding problems such as fussiness and gas; for infants whose parents choose a milk-free formula as a first feeding or as a supplement to breastfeeding; and for infants of vegetarian families.
A lactose-free feeding for infants with disorders for which lactose should be avoided, including lactase deficiency, lactose intolerance, and galactosemia.

## Features

- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E; these important ingredients are found in breast milk
  - DHA for brain and eye development
  - Lutein to support eye health
  - Vitamin E, an important nutrient found in breast milk to support developing cells
- Our exclusive formula has:
  - Calcium for strong bones—no palm olein oil
  - Nucleotides to help support the immune system*
  - Prebiotics to help promote digestive health
  - Carotenoids like those naturally found in breast milk
- Easy-to-digest
- The only soy formula clinically shown to help support the developing immune system,[1,2] similar to infants fed human milk/milk-based formula†
- Excellent growth during baby's first year[3]
- Soy protein isolate to help manage IgE-mediated cow's milk protein allergy or sensitivity
- A unique blend of carbohydrates using two different absorption pathways to help maximize absorption and minimize malabsorption risks
- Low osmolality (200 mOsm/kg water)
- Gluten-free
- Kosher, Halal

## Precaution

- Soy formulas are not recommended for premature infants with birth weights less than 1800 g

1. Ostrom KM, et al. *J Ped Gastroenterol Nutr* 2002;34:137-144.
2. Cordle CT, et al. *J Ped Gastroenterol Nutr* 2002;34:145-153.
3. Lasekan JB, et al. *Clin Pediatr* 1999;38:563-571.

* Soy protein isolate is a source of nucleotides.

† Exclusively breastfed for at least 2 months and weaned to milk-based formula without added nucleotides.

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Ready To Feed:** (20 Cal/fl oz) | | |
| 1 qt | plastic bottle; 6/carton | 55967 |
| **Concentrated Liquid:** (40 Cal/fl oz) | | |
| 13 fl oz | can; 12/case | 56975 |
| **Powder:** (with measuring scoop) | | |
| 12.4 oz (352 g); yields 90 fl oz‡ | can; 6/case | 55963 |

‡ At standard density of 20 Cal/fl oz.

## Ingredients

**Ready To Feed:** Water (87%), Corn Syrup (7%), Soy Protein Isolate (2%), High Oleic Safflower Oil (1%), Sugar (1%), Soy Oil (1%), Coconut Oil (1%). **Less than 0.5% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Lycopene, Fructooligosaccharides, Calcium Citrate, Calcium Phosphate, Potassium Phosphate, Potassium Citrate, Monoglycerides, Soy Lecithin, Magnesium Chloride, Carrageenan, Salt, Ascorbic Acid, Choline Chloride, L-Methionine, Taurine, Ferrous Sulfate, m-Inositol, Zinc Sulfate, d-Alpha-Tocopheryl Acetate, L-Carnitine, Niacinamide, Calcium Pantothenate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Potassium Iodide, Potassium Hydroxide, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin and Potassium Hydroxide. **Contains soy ingredients.**

### NUTRITION INFORMATION

| | 100 Cal | 1000 mL | | 100 Cal | 1000 mL |
|---|---|---|---|---|---|
| **Energy,** Cal | 100 | 676 | Pantothenic Acid, mcg | 750 | 5072 |
| **Volume,** mL | 148 | 1000 | Biotin, mcg | 4.5 | 30.4 |
| **Protein,** g | 2.45 | 16.57 | Vitamin C, mg | 9 | 61 |
| % Total Cal | 10 | 10 | Choline, mg | 12 | 81 |
| Source | Soy protein isolate, L-methionine | | Inositol, mg | 5 | 33.8 |
| **Fat,** g | 5.46 | 36.93 | **Minerals** | | |
| % Total Cal | 49 | 49 | Calcium, mg | 105 | 710 |
| Source | High oleic safflower, soy, and coconut oils (0.15% DHA, 0.40% ARA) | | Calcium, mEq | 5.2 | 35.4 |
| Oil Ratio | 40:30:29 | 40:30:29 | Phosphorus, mg | 75 | 507 |
| Linoleic Acid, mg | 1000 | 6763 | Magnesium, mg | 7.5 | 50.7 |
| **Carbohydrate,** g | 10.4 | 69.7 | Iron, mg | 2.0 | 13.0 |
| % Total Cal | 41 | 41 | Zinc, mg | 0.75 | 5.07 |
| Source | Corn syrup, sugar | | Manganese, mcg | 25 | 169 |
| Ratio | 80:20 | 80:20 | Copper, mcg | 75 | 507 |
| Prebiotic | Fructooligosaccharides | | Iodine, mcg | 15 | 101 |
| **Vitamins** | | | Selenium, mcg | 2 | 14 |
| Vitamin A, IU | 300 | 2029 | Sodium, mg | 44 | 298 |
| Vitamin D, IU | 60 | 406 | Sodium, mEq | 1.9 | 12.9 |
| Vitamin E, IU | 1.5 | 10.1 | Potassium, mg | 108 | 730 |
| Vitamin K, mcg | 11 | 74 | Potassium, mEq | 2.8 | 18.7 |
| Thiamin (Vit $B_1$), mcg | 60 | 406 | Chloride, mg | 62 | 419 |
| Riboflavin (Vit $B_2$), mcg | 90 | 609 | Chloride, mEq | 1.8 | 11.8 |
| Vitamin $B_6$, mcg | 60 | 406 | **Other Characteristics** | | |
| Vitamin $B_{12}$, mcg | 0.45 | 3.04 | PRSL, mOsm | 22.8 | 154.5 |
| Niacin, mcg | 1350 | 9130 | Water, g | 133 | 899 |
| Folic Acid, mcg | 15 | 101 | Osmolality, mOsm/kg $H_2O$ | 200 | 200 |

C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

# Similac Pro-Sensitive™

Infant Formula with Iron


## Description/Indications

A **19 Cal/fl oz**, nutritionally complete, non-GMO,† iron-fortified infant formula designed for use as a milk-based alternative to standard milk-based formulas for sensitive tummies. Designed to support both immune and cognitive development with key ingredients found in breast milk. Suitable for infants with lactose sensitivity.‡

## Features

- Gentle nutrition designed to ease common tummy troubles like fussiness,§ gas,§ or mild spit-up
- Similac Pro-Sensitive with 2'-FL Human Milk Oligosaccharide* helps strengthen the immune system to be more like the breastfed infant's than ever before[1-3]
- Nucleotides to help support the developing immune system[2,3]
- A unique blend of two carbohydrates using two different absorption pathways to help maximize absorption and minimize malabsorption risks
- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E; these important ingredients are found in breast milk
  - DHA for brain and eye development
  - Lutein to support eye health
  - Vitamin E, an important nutrient found in breast milk to support developing cells
- Our exclusive formula has:
  - Calcium for strong bones—no palm olein oil
  - Prebiotics to help promote digestive health
  - Carotenoids like those naturally found in breast milk
- Promotes excellent growth, tolerance, and soft stools
- Low osmolality (200 mOsm/kg water)
- Non-GMO
- Gluten-free
- Kosher, Halal

## Precaution

- Not for infants or children with galactosemia


1. Goehring KC. *J Nutr* 2016;146(12):2559-2566.
2. Schaller JP, et al. *Pediatr Res* 2004;56(6):883-890.
3. Buck RH, et al. *Pediatr Res* 2004;56(6):891-900.


* Not from human milk.
† Ingredients not genetically engineered.
‡ Typical Value 0.1 g lactose/100 kcal compared to Similac® Advance® (11 g lactose/100 kcal).
§ Due to lactose sensitivity.

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| **Custom Feeding System** | | |
| **Ready To Feed:** (19 Cal/fl oz) | | |
| 2 fl oz | plastic bottle; 48/case | 66180 |

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Powder:** (with measuring scoop) | | |
| 1.41 lb (638 g); yields 169 fl oz" | container; 4/case | 66084 |

" At standard density of 19 Cal/fl oz.

## Ingredients

**Ready To Feed:** Water, Maltodextrin, Milk Protein Isolate, High Oleic Safflower Oil, Sugar, Soy Oil, Coconut Oil. **Less than 0.5% of:** C. Cohnii Oil, M. Alpina Oil, 2'-Fucosyllactose, Fructooligosaccharides, Beta-Carotene, Lutein, Lycopene, Calcium Phosphate, Potassium Citrate, Carrageenan, Potassium Chloride, Ascorbic Acid, Monoglycerides, Soy Lecithin, Magnesium Chloride, Calcium Carbonate, Magnesium Phosphate, Choline Chloride, Sodium Citrate, Ferrous Sulfate, Choline Bitartrate, Taurine, m-Inositol, Zinc Sulfate, L-Carnitine, Niacinamide, d-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Vitamin A Palmitate, Copper Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Potassium Iodide, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin, Potassium Hydroxide and Nucleotides (Adenosine 5'-Monophosphate, Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate). **Contains milk and soy ingredients.**

## NUTRITION INFORMATION

| | 100 Cal | 1000 mL | | 100 Cal | 1000 mL |
|---|---|---|---|---|---|
| **Energy,** Cal | 100 | 643 | Pantothenic Acid, mcg | 470 | 3023 |
| **Volume,** mL | 156 | 1000 | Biotin, mcg | 4.6 | 29.6 |
| **Protein,** g | 2.1 | 13.5 | Vitamin C, mg | 9 | 57.9 |
| % Total Cal | 9 | 9 | Choline, mg | 24 | 154.3 |
| Source | Milk protein isolate | | Inositol, mg | 4.5 | 28.9 |
| **Fat,** g | 5.4 | 34.73 | **Minerals** | | |
| % Total Cal | 49 | 49 | Calcium, mg | 88 | 566 |
| Source | High oleic safflower oil, soy, and coconut oils (0.15% DHA, 0.40% ARA) | | Calcium, mEq | 4.4 | 28.3 |
| Oil Ratio | 40:30:29 | 40:30:29 | Phosphorus, mg | 59 | 379 |
| Linoleic Acid, mg | 1000 | 6431 | Magnesium, mg | 6 | 38.6 |
| **Carbohydrate,** g | 10.9 | 70.1 | Iron, mg | 1.9 | 12.22 |
| % Total Cal | 43 | 43 | Zinc, mg | 0.79 | 5.08 |
| Source | Maltodextrin, sugar | | Manganese, mcg | 5 | 32.2 |
| Ratio | 80:20 | 80:20 | Copper, mcg | 95 | 611 |
| Prebiotic | 2'-FL human milk oligosaccharides, fructooligosaccharides | | Iodine, mcg | 9 | 58 |
| **Vitamins** | | | Selenium, mcg | 2 | 13 |
| Vitamin A, IU | 300 | 1929 | Sodium, mg | 32 | 206 |
| Vitamin D, IU | 60 | 386 | Sodium, mEq | 1.4 | 9 |
| Vitamin E, IU | 1.5 | 9.6 | Potassium, mg | 110 | 707 |
| Vitamin K, mcg | 8 | 51.4 | Potassium, mEq | 2.8 | 18 |
| Thiamin (Vit $B_1$), mcg | 100 | 643 | Chloride, mg | 68 | 437 |
| Riboflavin (Vit $B_2$), mcg | 160 | 1029 | Chloride, mEq | 1.9 | 12.2 |
| Vitamin $B_6$, mcg | 63 | 405 | **Other Characteristics** | | |
| Vitamin $B_{12}$, mcg | 0.26 | 1.67 | PRSL, mOsm | 20.3 | 130.5 |
| Niacin, mcg | 1100 | 7074 | Water, g | 141 | 907 |
| Folic Acid, mcg | 16 | 102.9 | Osmolality, mOsm/kg $H_2O$ | 200 | 200 |

C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

# Similac® Sensitive® NON-GMO*

Infant Formula with Iron


## Description/Indications

A **19 Cal/fl oz**, nutritionally complete, non-GMO infant feeding that is an alternative to standard milk-based formulas. Complete nutrition for fussiness,† gas,† or mild spit-up. Suitable for infants with lactose sensitivity.‡

## Features

- A non-GMO option for complete nutrition for baby's first year
- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E; these important ingredients are found in breast milk
  - DHA for brain and eye development
  - Lutein to support eye health
  - Vitamin E, an important nutrient found in breast milk to support developing cells
- Our exclusive formula has:
  - Calcium for strong bones—no palm olein oil
  - Nucleotides to help support the immune system
  - Prebiotics to help promote digestive health
  - Carotenoids like those naturally found in breast milk
- Clinically shown to support normal growth in infants[1]
- A unique blend of carbohydrates using two different absorption pathways to help maximize absorption and minimize malabsorption risks
- Low osmolality (200 mOsm/kg water)
- Gluten-free
- Kosher, Halal

## Precaution

- Not for infants or children with galactosemia

1. Lasekan JB, et al. *Clin Pediatr* 2011;50:330-337.

* Ingredients not genetically engineered.

† Due to lactose sensitivity.

‡ Typical Value 0.1 g lactose/100 kcal compared to Similac® Advance® (11 g lactose/100 kcal).

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Ready To Feed:** (19 Cal/fl oz) | | |
| 1 qt (946 mL) ..... | plastic bottle; 6/carton..... | 64253 |
| **Powder:** (with measuring scoop) | | |
| 1.41 lb (638 g); yields 169 fl oz§ | container; 6/case..... | 64246 |

§ At standard density of 19 Cal/fl oz.

## Ingredients

**Ready To Feed:** Water, Maltodextrin, Milk Protein Isolate, High Oleic Safflower Oil, Sugar, Soy Oil, Coconut Oil, Galactooligosaccharides. **Less than 0.5% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Lycopene, Calcium Phosphate, Potassium Citrate, Carrageenan, Potassium Chloride, Ascorbic Acid, Monoglycerides, Soy Lecithin, Magnesium Chloride, Calcium Carbonate, Magnesium Phosphate, Choline Chloride, Sodium Citrate, Ferrous Sulfate, Choline Bitartrate, Taurine, m-Inositol, Zinc Sulfate, L-Carnitine, Niacinamide, d-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Vitamin A Palmitate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Potassium Iodide, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin, Potassium Hydroxide, and Nucleotides (Adenosine 5'-Monophosphate, Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate). **Contains milk and soy ingredients.**

### NUTRITION INFORMATION

| | 100 Cal | 1000 mL | | 100 Cal | 1000 mL |
|---|---|---|---|---|---|
| **Energy,** Cal | 100 | 643 | Pantothenic Acid, mcg | 470 | 3023 |
| **Volume,** mL | 156 | 1000 | Biotin, mcg | 4.6 | 29.6 |
| **Protein,** g | 2.1 | 13.5 | Vitamin C, mg | 9 | 58 |
| % Total Cal | 9 | 9 | Choline, mg | 24 | 154 |
| Source | Milk protein isolate | | Inositol, mg | 4.5 | 28.9 |
| **Fat,** g | 5.4 | 34.73 | **Minerals** | | |
| % Total Cal | 49 | 49 | Calcium, mg | 88 | 566 |
| Source | High oleic safflower, soy, and coconut oils (0.15% DHA, 0.40% ARA) | | Calcium, mEq | 4.4 | 28.3 |
| Oil Ratio | 40:30:29 | 40:30:29 | Phosphorus, mg | 59 | 379 |
| Linoleic Acid, mg | 1000 | 6431 | Magnesium, mg | 6 | 38.6 |
| **Carbohydrate,** g | 11.1 | 71.4 | Iron, mg | 1.9 | 12.2 |
| % Total Cal | 43 | 43 | Zinc, mg | 0.79 | 5.08 |
| Source | Maltodextrin, sugar | | Manganese, mcg | 5 | 32 |
| Ratio | 80:20 | 80:20 | Copper, mcg | 95 | 611 |
| Prebiotic | Galactooligosaccharides | | Iodine, mcg | 9 | 58 |
| **Vitamins** | | | Selenium, mcg | 2 | 13 |
| Vitamin A, IU | 300 | 1929 | Sodium, mg | 32 | 206 |
| Vitamin D, IU | 60 | 386 | Sodium, mEq | 1.4 | 9 |
| Vitamin E, IU | 1.5 | 9.6 | Potassium, mg | 110 | 707 |
| Vitamin K, mcg | 8 | 51 | Potassium, mEq | 2.8 | 18 |
| Thiamin (Vit $B_1$), mcg | 100 | 643 | Chloride, mg | 68 | 437 |
| Riboflavin (Vit $B_2$), mcg | 160 | 1029 | Chloride, mEq | 1.9 | 12.2 |
| Vitamin $B_6$, mcg | 63 | 405 | **Other Characteristics** | | |
| Vitamin $B_{12}$, mcg | 0.26 | 1.67 | PRSL, mOsm | 20.3 | 130.5 |
| Niacin, mcg | 1100 | 7074 | Water, g | 140 | 900 |
| Folic Acid, mcg | 16 | 103 | Osmolality, mOsm/kg $H_2O$ | 200 | 200 |

C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

# Similac Sensitive®

Infant Formula with Iron


## Description/Indications

A **19 Cal/fl oz**, nutritionally complete infant feeding that is an alternative to standard milk-based formulas. Complete nutrition for fussiness,* gas,* or mild spit-up. Suitable for infants with lactose sensitivity.†

## Features

- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E; these important ingredients are found in breast milk
  - DHA for brain and eye development
  - Lutein to support eye health
  - Vitamin E, an important nutrient found in breast milk to support developing cells
- Our exclusive formula has:
  - Calcium for strong bones—no palm olein oil
  - Nucleotides to help support the immune system
  - Prebiotics to help promote digestive health
  - Carotenoids like those naturally found in breast milk
- Clinically shown to support normal growth in infants[1]
- A unique blend of carbohydrates using two different absorption pathways to help maximize absorption and minimize malabsorption risks
- Low osmolality (200 mOsm/kg water)
- Gluten-free
- Kosher, Halal

## Precaution

- Not for infants or children with galactosemia

1. Lasekan JB, et al. *Clin Pediatr* 2011;50:330-337.

* Due to lactose sensitivity.

† Typical Value 0.1 g lactose/100 kcal compared to Similac® Advance® (11 g lactose/100 kcal).

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Ready To Feed:** (19 Cal/fl oz) | | |
| 8 fl oz | plastic bottle; 6/carton | 53676 |
| 1 qt | plastic bottle; 6/case | 57533 |
| **Powder:** (with measuring scoop) | | |
| 12 oz (340 g); yields 90 fl oz‡ | can; 6/case | 57539 |
| 1.41 lb (638 g); yields 169 fl oz‡ | container; 6/case | 50817 |

‡ At standard density of 19 Cal/fl oz.

## Ingredients

**Ready To Feed:** Water, Maltodextrin, Milk Protein Isolate, High Oleic Safflower Oil, Sugar, Soy Oil, Coconut Oil, Galactooligosaccharides. **Less than 0.5% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Lycopene, Calcium Phosphate, Potassium Citrate, Carrageenan, Potassium Chloride, Ascorbic Acid, Monoglycerides, Soy Lecithin, Magnesium Chloride, Calcium Carbonate, Magnesium Phosphate, Choline Chloride, Sodium Citrate, Ferrous Sulfate, Choline Bitartrate, Taurine, m-Inositol, Zinc Sulfate, L-Carnitine, Niacinamide, d-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Vitamin A Palmitate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Potassium Iodide, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin, Potassium Hydroxide and Nucleotides (Adenosine 5'-Monophosphate, Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate). **Contains milk and soy ingredients.**

### NUTRITION INFORMATION

| | 100 Cal | 1000 mL | | 100 Cal | 1000 mL |
|---|---|---|---|---|---|
| **Energy,** Cal | 100 | 643 | Pantothenic Acid, mcg | 470 | 3023 |
| **Volume,** mL | 156 | 1000 | Biotin, mcg | 4.6 | 29.6 |
| **Protein,** g | 2.1 | 13.5 | Vitamin C, mg | 9 | 58 |
| % Total Cal | 9 | 9 | Choline, mg | 24 | 154 |
| Source | Milk protein isolate | | Inositol, mg | 4.5 | 28.9 |
| **Fat,** g | 5.40 | 34.73 | **Minerals** | | |
| % Total Cal | 49 | 49 | Calcium, mg | 88 | 566 |
| Source | High oleic safflower, soy, and coconut oils (0.15% DHA, 0.40% ARA) | | Calcium, mEq | 4.4 | 28.3 |
| Oil Ratio | 40:30:29 | 40:30:29 | Phosphorus, mg | 59 | 379 |
| Linoleic Acid, mg | 1000 | 6431 | Magnesium, mg | 6 | 38.6 |
| **Carbohydrate,** g | 11.1 | 71.4 | Iron, mg | 1.9 | 12.2 |
| % Total Cal | 43 | 43 | Zinc, mg | 0.79 | 5.08 |
| Source | Maltodextrin, sugar | | Manganese, mcg | 5 | 32 |
| Ratio | 80:20 | 80:20 | Copper, mcg | 95 | 611 |
| Prebiotic | Galactooligosaccharides | | Iodine, mcg | 9 | 58 |
| **Vitamins** | | | Selenium, mcg | 2 | 13 |
| Vitamin A, IU | 300 | 1929 | Sodium, mg | 32 | 206 |
| Vitamin D, IU | 60 | 386 | Sodium, mEq | 1.4 | 9 |
| Vitamin E, IU | 1.5 | 9.6 | Potassium, mg | 110 | 707 |
| Vitamin K, mcg | 8 | 51 | Potassium, mEq | 2.8 | 18 |
| Thiamin (Vit $B_1$), mcg | 100 | 643 | Chloride, mg | 68 | 437 |
| Riboflavin (Vit $B_2$), mcg | 160 | 1029 | Chloride, mEq | 1.9 | 12.2 |
| Vitamin $B_6$, mcg | 63 | 405 | **Other Characteristics** | | |
| Vitamin $B_{12}$, mcg | 0.26 | 1.67 | PRSL, mOsm | 20.3 | 130.5 |
| Niacin, mcg | 1100 | 7074 | Water, g | 140 | 900 |
| Folic Acid, mcg | 16 | 103 | Osmolality, mOsm/kg $H_2O$ | 200 | 200 |

C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

# Similac Total Comfort™

Infant Formula with Iron


## Description/Indications

A **19 Cal/fl oz**, nutritionally complete infant formula that has partially hydrolyzed whey protein as an alternative to standard intact-protein, milk-based formulas. For mild tolerance symptoms such as fussiness and gas due to lactose sensitivity.

## Features

- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E; these important ingredients are found in breast milk
  - DHA for brain and eye development
  - Lutein to support eye health
  - Vitamin E, an important nutrient found in breast milk to support developing cells
- Our exclusive formula has:
  - Calcium for strong bones—no palm olein oil
  - Partially hydrolyzed protein for easy digestion
  - Nucleotides to help support the immune system
  - Prebiotics to help promote digestive health
- A unique blend of carbohydrates using two different absorption pathways to help maximize absorption and minimize malabsorption risks
- Clinically shown to support normal infant growth[1]
- Gluten-free
- Kosher, Halal

## Precautions

- Consult physician prior to switching formulas
- Not for infants or children with galactosemia

1. Borschel MW, et al. *Clin Pediatr* 2014;53:1375-1382.

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Powder:** (with measuring scoop) | | |
| 12 oz (340 g); yields 90 fl oz* | | |
| | can; 6/case | 62599 |

* At standard density of 19 Cal/fl oz.

## Ingredients

**Unflavored Powder:** Maltodextrin, Whey Protein Hydrolysate, High Oleic Safflower Oil, Sugar, Soy Oil, Coconut Oil, Galactooligosaccharides. **Less than 2% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Lycopene, Calcium Citrate, Potassium Phosphate, Calcium Phosphate, Magnesium Chloride, Salt, Potassium Citrate, Ascorbic Acid, Choline Chloride, Sodium Citrate, Potassium Chloride, Calcium Hydroxide, Ferrous Sulfate, Choline Bitartrate, Taurine, m-Inositol, Zinc Sulfate, Ascorbyl Palmitate, L-Carnitine, Niacinamide, Mixed Tocopherols, d-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Vitamin A Palmitate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Phylloquinone, Potassium Iodide, Biotin, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin, Potassium Hydroxide, and Nucleotides (Adenosine 5'-Monophosphate, Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate). **Contains milk ingredients.**

### NUTRITION INFORMATION

| | 100 Cal | 1000 mL | | 100 Cal | 1000 mL |
|---|---|---|---|---|---|
| **Energy,** Cal | 100 | 643 | Pantothenic Acid, mcg | 470 | 3023 |
| **Volume,** mL | 156 | 1000 | Biotin, mcg | 4.6 | 29.6 |
| **Protein,** g | 2.32 | 14.92 | Vitamin C, mg | 9 | 58 |
| % Total Cal | 9 | 9 | Choline, mg | 24 | 154 |
| Source | Whey protein hydrolysate | | Inositol, mg | 4.5 | 28.9 |
| **Fat,** g | 5.4 | 34.73 | **Minerals** | | |
| % Total Cal | 49 | 49 | Calcium, mg | 105 | 675 |
| Source | High oleic safflower, soy and coconut oils (0.15% DHA, 0.40% ARA) | | Calcium, mEq | 5.3 | 33.8 |
| Oil Ratio | 40:30:29 | 40:30:29 | Phosphorus, mg | 70 | 450 |
| Linoleic Acid, mg | 1000 | 6431 | Magnesium, mg | 6 | 39 |
| **Carbohydrate,** g | 11 | 70.7 | Iron, mg | 1.9 | 12.2 |
| % Total Cal | 42 | 42 | Zinc, mg | 0.79 | 5.08 |
| Source | Maltodextrin, sugar | | Manganese, mcg | 5 | 32 |
| Ratio | 80:20 | 80:20 | Copper, mcg | 95 | 611 |
| Prebiotic | Galactooligosaccharides | | Iodine, mcg | 9 | 58 |
| **Vitamins** | | | Selenium, mcg | 2 | 13 |
| Vitamin A, IU | 300 | 1929 | Sodium, mg | 46 | 296 |
| Vitamin D, IU | 60 | 386 | Sodium, mEq | 2 | 12.9 |
| Vitamin E, IU | 1.5 | 9.6 | Potassium, mg | 121 | 778 |
| Vitamin K, mcg | 8 | 51 | Potassium, mEq | 3.1 | 20 |
| Thiamin (Vit $B_1$), mcg | 100 | 643 | Chloride, mg | 68 | 437 |
| Riboflavin (Vit $B_2$), mcg | 160 | 1029 | Chloride, mEq | 1.9 | 12.2 |
| Vitamin $B_6$, mcg | 63 | 405 | **Other Characteristics** | | |
| Vitamin $B_{12}$, mcg | 0.26 | 1.67 | PRSL, mOsm | 22.5 | 144.7 |
| Niacin, mcg | 1100 | 7074 | Water, g | 140 | 900 |
| Folic Acid, mcg | 16 | 103 | Osmolality, mOsm/kg $H_2O$ | 200 | 200 |

C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

# Similac Total Comfort™ NON-GMO*

Infant Formula with Iron


## Description/Indications

A **19 Cal/fl oz**, nutritionally complete, non-GMO infant formula that has partially hydrolyzed whey protein as an alternative to standard intact-protein, milk-based formulas. For mild tolerance symptoms such as fussiness and gas due to lactose sensitivity.

## Features

- A non-GMO option for complete nutrition for baby's first year
- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E; these important ingredients are found in breast milk
  - DHA for brain and eye development
  - Lutein to support eye health
  - Vitamin E, an important nutrient found in breast milk to support developing cells
- Our exclusive formula has:
  - Calcium for strong bones—no palm olein oil
  - Partially hydrolyzed protein for easy digestion
  - Nucleotides to help support the immune system
  - Prebiotics to help promote digestive health
- A unique blend of carbohydrates using two different absorption pathways to help maximize absorption and minimize malabsorption risks
- Clinically shown to support normal infant growth[1]
- Gluten-free
- Kosher, Halal

## Precautions

- Consult physician prior to switching formulas
- Not for infants or children with galactosemia

1. Borschel MW, et al. *Clin Pediatr* 2014;53:1375-1382.

* Ingredients not genetically engineered.

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| **Custom Feeding System** | | |
| **Ready To Feed:** (19 Cal/fl oz) | | |
| 2 fl oz | plastic bottle; 48/case | 62595 |

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Powder:** (with measuring scoop) | | |
| 1.41 lb (638 g); yields 169 fl oz† | container; 6/case | 63012 |

† At standard density of 19 Cal/fl oz.

## Ingredients

**Ready To Feed:** Water, Corn Syrup Solids, Whey Protein Hydrolysate, High Oleic Safflower Oil, Soy Oil, Sugar, Coconut Oil, Galactooligosaccharides. **Less than 0.5% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Lycopene, Soy Lecithin, Calcium Citrate, Potassium Phosphate, Calcium Phosphate, Carrageenan, Ascorbic Acid, Magnesium Chloride, Monoglycerides, Salt, Choline Chloride, Potassium Chloride, Ferrous Sulfate, Taurine, Sodium Citrate, m-Inositol, Choline Bitartrate, Zinc Sulfate, L-Carnitine, Niacinamide, d-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Potassium Citrate, Vitamin A Palmitate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Potassium Iodide, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin, Potassium Hydroxide, and Nucleotides (Adenosine 5'-Monophosphate, Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate). **Contains milk and soy ingredients.**

### NUTRITION INFORMATION

| | 100 Cal | 1000 mL | | 100 Cal | 1000 mL |
|---|---|---|---|---|---|
| **Energy,** Cal | 100 | 643 | Pantothenic Acid, mcg | 470 | 3023 |
| **Volume,** mL | 156 | 1000 | Biotin, mcg | 4.6 | 29.6 |
| **Protein,** g | 2.32 | 14.92 | Vitamin C, mg | 9 | 58 |
| % Total Cal | 9 | 9 | Choline, mg | 24 | 154 |
| Source | Whey protein hydrolysate | | Inositol, mg | 4.5 | 28.9 |
| **Fat,** g | 5.4 | 34.73 | **Minerals** | | |
| % Total Cal | 49 | 49 | Calcium, mg | 105 | 675 |
| Source | High oleic safflower, soy and coconut oils (0.15% DHA, 0.40% ARA) | | Calcium, mEq | 5.3 | 33.8 |
| Oil Ratio | 40:30:29 | 40:30:29 | Phosphorus, mg | 70 | 450 |
| Linoleic Acid, mg | 1000 | 6431 | Magnesium, mg | 6 | 39 |
| **Carbohydrate,** g | 11 | 70.7 | Iron, mg | 1.9 | 12.2 |
| % Total Cal | 42 | 42 | Zinc, mg | 0.79 | 5.08 |
| Source | Corn syrup solids, sugar | | Manganese, mcg | 5 | 32 |
| Ratio | 80:20 | 80:20 | Copper, mcg | 95 | 611 |
| Prebiotic | Galactooligosaccharides | | Iodine, mcg | 9 | 58 |
| **Vitamins** | | | Selenium, mcg | 2 | 13 |
| Vitamin A, IU | 300 | 1929 | Sodium, mg | 46 | 296 |
| Vitamin D, IU | 60 | 386 | Sodium, mEq | 2 | 12.9 |
| Vitamin E, IU | 1.5 | 9.6 | Potassium, mg | 121 | 778 |
| Vitamin K, mcg | 8 | 51 | Potassium, mEq | 3.1 | 20 |
| Thiamin (Vit $B_1$), mcg | 100 | 643 | Chloride, mg | 68 | 437 |
| Riboflavin (Vit $B_2$), mcg | 160 | 1029 | Chloride, mEq | 1.9 | 12.2 |
| Vitamin $B_6$, mcg | 63 | 405 | **Other Characteristics** | | |
| Vitamin $B_{12}$, mcg | 0.26 | 1.67 | PRSL, mOsm | 22.5 | 144.7 |
| Niacin, mcg | 1100 | 7074 | Water, g | 140 | 900 |
| Folic Acid, mcg | 16 | 103 | Osmolality, mOsm/kg $H_2O$ | 200 | 200 |

C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

# Similac® For Spit-Up

Infant Formula with Iron


## Description/Indications

A **19 Cal/fl oz**, nutritionally complete milk-based infant formula with added rice starch to help reduce frequent spit-up; suitable for lactose sensitivity.*

## Features

- Easy-to-digest formula with added rice starch
- Clinically shown to reduce frequent spit up in healthy babies by 54%[1†]
- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E; these important ingredients are found in breast milk
  - DHA for brain and eye development
  - Lutein to support eye health
  - Vitamin E, an important nutrient found in breast milk to support developing cells
- Our exclusive formula has:
  - Calcium for strong bones—no palm olein oil
  - Nucleotides to help support the immune system
  - Prebiotics to help promote digestive health
  - Carotenoids like those naturally found in breast milk
- A unique blend of carbohydrates using two different absorption pathways to help maximize absorption and minimize malabsorption risks
- Clinically shown to support normal infant growth[1]
- Gluten-free
- Kosher, Halal

## Precaution

- Not for infants or children with galactosemia

1. Lasekan JB, et al. *J Am Coll Nutr* 2014;33(2):136-146.

* Typical Value 0.1 g lactose/100 kcal compared to Similac® Advance® (11 g lactose/100 kcal).

† Among healthy 2-month-old infants compared to a standard formula.

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Ready To Feed:** (19 Cal/fl oz) | | |
| 1 qt | plastic bottle; 6/case | 56728 |
| **Powder:** (with measuring scoop) | | |
| 12 oz (340 g); yields 90 fl oz‡ | can; 6/case | 50959 |

‡ At standard density of 19 Cal/fl oz.

## Ingredients

**Ready To Feed:** Water, Corn Syrup, Rice Starch, Milk Protein Isolate, High Oleic Safflower Oil, Sugar, Soy Oil, Coconut Oil, Galactooligosaccharides. **Less than 0.5% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Lycopene, Calcium Phosphate, Calcium Carbonate, Potassium Chloride, Potassium Phosphate, Magnesium Chloride, Potassium Citrate, Soy Lecithin, Monoglycerides, Ascorbic Acid, Carrageenan, Choline Chloride, Ferrous Sulfate, Taurine, m-Inositol, Choline Bitartrate, Zinc Sulfate, L-Carnitine, Niacinamide, d-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Riboflavin, Vitamin A Palmitate, Copper Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Folic Acid, Potassium Iodide, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Vitamin $B_{12}$, Potassium Hydroxide and Nucleotides (Adenosine 5'-Monophosphate, Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate). **Contains milk and soy ingredients.**

## NUTRITION INFORMATION

| | 100 Cal | 1000 mL | | 100 Cal | 1000 mL |
|---|---|---|---|---|---|
| **Energy,** Cal | 100 | 643 | Pantothenic Acid, mcg | 470 | 3023 |
| **Volume,** mL | 156 | 1000 | Biotin, mcg | 4.6 | 29.6 |
| **Protein,** g | 2.14 | 13.76 | Vitamin C, mg | 9 | 57.9 |
| % Total Cal | 9 | 9 | Choline, mg | 24 | 154.3 |
| Source | Milk protein isolate | | Inositol, mg | 4.5 | 28.9 |
| **Fat,** g | 5.40 | 34.73 | **Minerals** | | |
| % Total Cal | 49 | 49 | Calcium, mg | 88 | 566 |
| Source | High oleic safflower, soy, and coconut oils (0.15% DHA, 0.40% ARA) | | Calcium, mEq | 4.4 | 28.3 |
| Oil Ratio | 40:30:29 | 40:30:29 | Phosphorus, mg | 59 | 379 |
| Linoleic Acid, mg | 1000 | 6431 | Magnesium, mg | 6.0 | 38.6 |
| **Carbohydrate,** g | 11 | 70.74 | Iron, mg | 1.9 | 12.2 |
| % Total Cal | 43 | 43 | Zinc, mg | 0.79 | 5.08 |
| Source | Corn syrup, rice starch, sugar | | Manganese, mcg | 5 | 32.2 |
| Ratio | 50:30:20 | 50:30:20 | Copper, mcg | 95 | 611 |
| Prebiotic | Galactooligosaccharides | | Iodine, mcg | 9 | 58 |
| **Vitamins** | | | Selenium, mcg | 2 | 13 |
| Vitamin A, IU | 300 | 1929 | Sodium, mg | 32 | 206 |
| Vitamin D, IU | 60 | 386 | Sodium, mEq | 1.4 | 9 |
| Vitamin E, IU | 1.5 | 9.6 | Potassium, mg | 110 | 707 |
| Vitamin K, mcg | 8 | 51.4 | Potassium, mEq | 2.8 | 18 |
| Thiamin (Vit $B_1$), mcg | 100 | 643 | Chloride, mg | 68 | 437 |
| Riboflavin (Vit $B_2$), mcg | 160 | 1029 | Chloride, mEq | 1.9 | 12.2 |
| Vitamin $B_6$, mcg | 63 | 405 | **Other Characteristics** | | |
| Vitamin $B_{12}$, mcg | 0.26 | 1.7 | PRSL, mOsm | 19.9 | 134.7 |
| Niacin, mcg | 1100 | 7074 | Water, g | 140 | 902 |
| Folic Acid, mcg | 16 | 102.9 | Osmolality, mOsm/kg $H_2O$ | 180 | 180 |

C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

# Similac® For Spit-Up NON-GMO*

Infant Formula with Iron


## Description/Indications

A **19 Cal/fl oz**, nutritionally complete, non-GMO, milk-based infant formula with added rice starch to help reduce frequent spit-up; suitable for lactose sensitivity.†

## Features

- A non-GMO option for complete nutrition for baby's first year
- Easy-to-digest formula with added rice starch
- Clinically shown to reduce frequent spit up in healthy babies by 54%[1‡]
- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E; these important ingredients are found in breast milk
  - DHA for brain and eye development
  - Lutein to support eye health
  - Vitamin E, an important nutrient found in breast milk to support developing cells
- Our exclusive formula has:
  - Calcium for strong bones—no palm olein oil
  - Nucleotides to help support the immune system
  - Prebiotics to help promote digestive health
  - Carotenoids like those naturally found in breast milk
- A unique blend of carbohydrates using two different absorption pathways to help maximize absorption and minimize malabsorption risks
- Clinically shown to support normal infant growth[1]
- Gluten-free
- Kosher, Halal

## Precaution

- Not for infants or children with galactosemia

1. Lasekan JB, et al. *J Am Coll Nutr* 2014;33(2):136-146.

* Ingredients not genetically engineered.
† Typical Value 0.1 g lactose/100 kcal compared to Similac® Advance® (11 g lactose/100 kcal).
‡ Among healthy 2-month-old infants compared to a standard formula.

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| **Custom Feeding System** | | |
| **Ready To Feed:** (19 Cal/fl oz) | | |
| 2 fl oz | plastic bottle; 48/case | 62139 |

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Powder:** (with measuring scoop) | | |
| 1.41 lb (638 g); yields 169 fl oz§ | container; 6/case | 53729 |

§ At standard density of 19 Cal/fl oz.

## Ingredients

**Ready To Feed:** Water, Corn Syrup, Rice Starch, Milk Protein Isolate, High Oleic Safflower Oil, Sugar, Soy Oil, Coconut Oil, Galactooligosaccharides. **Less than 0.5% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Lycopene, Calcium Phosphate, Calcium Carbonate, Potassium Chloride, Potassium Phosphate, Magnesium Chloride, Potassium Citrate, Soy Lecithin, Monoglycerides, Ascorbic Acid, Carrageenan, Choline Chloride, Ferrous Sulfate, Taurine, m-Inositol, Choline Bitartrate, Zinc Sulfate, L-Carnitine, Niacinamide, d-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Riboflavin, Vitamin A Palmitate, Copper Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Folic Acid, Potassium Iodide, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Vitamin $B_{12}$, Potassium Hydroxide, and Nucleotides (Adenosine 5'-Monophosphate, Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate). **Contains milk and soy ingredients.**

### NUTRITION INFORMATION

| | 100 Cal | 1000 mL | | 100 Cal | 1000 mL |
|---|---|---|---|---|---|
| **Energy,** Cal | 100 | 643 | Pantothenic Acid, mcg | 470 | 3023 |
| **Volume,** mL | 156 | 1000 | Biotin, mcg | 4.6 | 29.6 |
| **Protein,** g | 2.14 | 13.76 | Vitamin C, mg | 9 | 57.9 |
| % Total Cal | 9 | 9 | Choline, mg | 24 | 154.3 |
| Source | Milk protein isolate | | Inositol, mg | 4.5 | 28.9 |
| **Fat,** g | 5.40 | 34.73 | **Minerals** | | |
| % Total Cal | 49 | 49 | Calcium, mg | 88 | 566 |
| Source | High oleic safflower, soy, and coconut oils (0.15% DHA, 0.40% ARA) | | Calcium, mEq | 4.4 | 28.3 |
| Oil Ratio | 40:30:29 | 40:30:29 | Phosphorus, mg | 59 | 379 |
| Linoleic Acid, mg | 1000 | 6431 | Magnesium, mg | 6.0 | 38.6 |
| **Carbohydrate,** g | 11 | 70.74 | Iron, mg | 1.9 | 12.2 |
| % Total Cal | 43 | 43 | Zinc, mg | 0.79 | 5.08 |
| Source | Corn syrup, rice starch, sugar | | Manganese, mcg | 5 | 32.2 |
| Ratio | 50:30:20 | 50:30:20 | Copper, mcg | 95 | 611 |
| Prebiotic | Galactooligosaccharides | | Iodine, mcg | 9 | 58 |
| **Vitamins** | | | Selenium, mcg | 2 | 13 |
| Vitamin A, IU | 300 | 1929 | Sodium, mg | 32 | 206 |
| Vitamin D, IU | 60 | 386 | Sodium, mEq | 1.4 | 9 |
| Vitamin E, IU | 1.5 | 9.6 | Potassium, mg | 110 | 707 |
| Vitamin K, mcg | 8 | 51.4 | Potassium, mEq | 2.8 | 18 |
| Thiamin (Vit $B_1$), mcg | 100 | 643 | Chloride, mg | 68 | 437 |
| Riboflavin (Vit $B_2$), mcg | 160 | 1029 | Chloride, mEq | 1.9 | 12.2 |
| Vitamin $B_6$, mcg | 63 | 405 | **Other Characteristics** | | |
| Vitamin $B_{12}$, mcg | 0.26 | 1.7 | PRSL, mOsm | 19.9 | 134.7 |
| Niacin, mcg | 1100 | 7074 | Water, g | 140 | 902 |
| Folic Acid, mcg | 16 | 102.9 | Osmolality, mOsm/kg $H_2O$ | 180 | 180 |

C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

# Similac® Alimentum®

Infant Formula with Iron

WIC®-eligible in all 50 states*


## Description/Indications

A **20 Cal/fl oz**, nutritionally complete, hypoallergenic formula for infants, including those with colic symptoms due to protein sensitivity, severe food allergies, sensitivity to intact protein, protein maldigestion, or fat malabsorption. Appropriate supplemental beverage for children with severe food allergies, sensitivity to intact protein, protein maldigestion, or fat malabsorption.

## Features

- Starts reducing excessive crying due to cow's milk protein sensitivity in most infants within 24 hours[1]
- Hypoallergenic; contains a predigested protein to virtually eliminate allergic reactions in most babies who are allergic to cow's-milk protein
- Hydrolyzed casein supplemented with free amino acids for infants who are sensitive to or unable to digest intact protein
- A unique blend of carbohydrates using two different absorption pathways to help maximize absorption and minimize malabsorption risks
- Made with oils that have been shown to be well absorbed. Approximately 33% of the fat as medium chain triglycerides (MCTs)[2]
- DHA and ARA, special nutrients found in breast milk that are important for brain and eye development[3-5]
- Lactose-free carbohydrate for lactose sensitivity
- Gluten-free
- Ready-To-Feed formula is corn-free

1. Based on a clinical study with Similac Alimentum Ready To Feed without DHA and ARA in a small group of infants experiencing colic symptoms due to cow's milk protein sensitivity. Data on file, Study AC84, August 2004. Abbott Nutrition, Columbus, Ohio.
2. Fomon SJ. *Nutrition of Normal Infants,* St. Louis, Mosby-Year Book, Inc; 1993:152-153.
3. Auestad N, et al. *Pediatrics* 2001;108:372-381.
4. Auestad N, et al. *Pediatrics* 2003;112:e177-e183.
5. Scott DT, et al. *Pediatrics* 1998;102(5):E59.

* WIC is a service mark of the US Department of Agriculture, and an abbreviation for the Special Supplemental Nutrition Program for Women, Infants, and Children. No endorsement of any brand or product by the USDA is implied or intended. At least one form of Similac® Alimentum® is available through WIC in all 50 states with a valid medical referral.

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| **Custom Feeding System** | | |
| **Ready To Feed:** (20 Cal/fl oz) | | |
| 2 fl oz | plastic bottle; 48/case | 59738 |

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Ready To Feed:** (20 Cal/fl oz) | | |
| 1 qt (946 mL) | plastic bottle; 6/carton | 57512 |
| 8 fl oz (237 g) | can; 6/carton | 57508 |
| **Powder:** (with measuring scoop) | | |
| 12.1 oz (343 g); yields 87 fl oz† | can; 6/case | 64715 |
| 19.8 oz (561 g); yields 143 fl oz† | container; 4/case | 64719 |

† At standard density of 20 Cal/fl oz.

## Ingredients

**Ready To Feed:** Water (87%), Sugar (4%), Casein Hydrolysate [Derived from Milk] (2%), Modified Tapioca Starch (2%), Safflower Oil (1%), Medium Chain Triglycerides (1%), Soy Oil (1%). **Less than 0.5% of:** C. Cohnii Oil, M. Alpina Oil, Calcium Citrate, Calcium Phosphate, Carrageenan, Ascorbic Acid, Potassium Phosphate, Magnesium Chloride, Potassium Citrate, Salt, Calcium Hydroxide, Potassium Hydroxide, L-Cystine Dihydrochloride, Potassium Chloride, L-Tyrosine, L-Tryptophan, Choline Chloride, Ferrous Sulfate, Taurine, m-Inositol, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, L-Carnitine, Niacinamide, Calcium Pantothenate, Vitamin A Palmitate, Copper Sulfate, Thiamine Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Potassium Iodide, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, and Vitamin $B_{12}$.

**Powder:** Corn Maltodextrin (35%), Casein Hydrolysate [Derived from Milk] (18%), Sugar (15%), High Oleic Safflower Oil (10%), Medium-Chain Triglycerides (10%), Soy Oil (8%). **Less than 2% of:** C. Cohnii Oil, M. Alpina Oil, Calcium Phosphate, DATEM, Potassium Citrate, Xanthan Gum, Magnesium Chloride, Monoglycerides, Ascorbic Acid, Salt, L-Cystine Dihydrochloride, Calcium Carbonate, Potassium Chloride, L-Tyrosine, L-Tryptophan, Choline Chloride, Ferrous Sulfate, Taurine, m-Inositol, Ascorbyl Palmitate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, L-Carnitine, Niacinamide, Mixed Tocopherols, Calcium Pantothenate, Cupric Sulfate, Vitamin A Palmitate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Potassium Iodide, Potassium Hydroxide, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, and Cyanocobalamin.

### NUTRITION INFORMATION, READY TO FEED

| | 100 Cal | 1000 mL |
|---|---|---|
| **Energy,** Cal | 100 | 676 |
| **Volume,** mL | 148 | 1000 |
| **Protein equivalent,** g | 2.75 | 18.6 |
| % Total Cal | 11 | 11 |
| Source | Casein hydrolysate, L-cystine, L-tyrosine, L-tryptophan | |
| **Fat,** g | 5.54 | 37.47 |
| % Total Cal | 48 | 48 |
| Source | Safflower oil, medium chain triglycerides, and soy oil (0.15% DHA; 0.40% ARA) | |
| Oil Ratio | 38:33:28 | 38:33:28 |
| Linoleic Acid, mg | 1900 | 12,850 |
| **Carbohydrate,** g | 10.2 | 69.0 |
| % Total Cal | 41 | 41 |
| Source | Sugar, modified tapioca starch | |
| Ratio | 70:30 | 70:30 |
| **Vitamins** | | |
| Vitamin A, IU | 300 | 2029 |
| Vitamin D, IU | 45 | 304 |
| Vitamin E, IU | 3.0 | 20.3 |
| Vitamin K, mcg | 15 | 101 |
| Thiamin (Vit $B_1$), mcg | 60 | 406 |
| Riboflavin (Vit $B_2$), mcg | 90 | 609 |
| Vitamin $B_6$, mcg | 60 | 406 |
| Vitamin $B_{12}$, mcg | 0.45 | 3.04 |
| Niacin, mcg | 1350 | 9130 |
| Folic Acid, mcg | 15 | 101 |
| Pantothenic Acid, mcg | 750 | 5072 |
| Biotin, mcg | 4.5 | 30.4 |
| Vitamin C, mg | 9.0 | 61 |
| Choline, mg | 12 | 81 |
| Inositol, mg | 5 | 33.8 |
| **Minerals** | | |
| Calcium, mg | 105 | 710 |
| Calcium, mEq | 5.2 | 35.4 |
| Phosphorus, mg | 75 | 507 |
| Magnesium, mg | 7.5 | 50.7 |
| Iron, mg | 1.8 | 12.17 |
| Zinc, mg | 0.75 | 5.07 |
| Manganese, mcg | 8 | 54 |
| Copper, mcg | 75 | 507 |
| Iodine, mcg | 15 | 101 |
| Selenium, mcg | 2 | 14 |
| Sodium, mg | 44 | 298 |
| Sodium, mEq | 1.9 | 12.9 |
| Potassium, mg | 118 | 798 |
| Potassium, mEq | 3.0 | 20.3 |
| Chloride, mg | 80 | 541 |
| Chloride, mEq | 2.3 | 15.5 |
| **Other Characteristics** | | |
| PRSL, mOsm | 25.3 | 171.3 |
| Water, g | 133 | 899 |
| Osmolality, mOsm/kg $H_2O$ | 370 | 370 |

C. Cohnii Oil is a source of DHA. M. Alpina Oil is a source of ARA.

# EleCare® for Infants

Amino Acid-Based
Infant Formula with Iron


## Description/Indications

A **20 Cal/fl oz**, nutritionally complete amino acid-based formula for infants who cannot tolerate intact or hydrolyzed protein. EleCare is indicated for the dietary management of protein maldigestion, malabsorption, severe food allergies, short-bowel syndrome, eosinophilic GI disorders, GI-tract impairment, or other conditions in which an amino acid-based diet is required.

- For infants 0–12 months of age
- For oral or tube feeding

## Features

- Hypoallergenic[1]—virtually eliminating the potential for an allergic reaction to the formula in multiple-food-allergic children*
- Clinically shown to support the growth of exclusively formula-fed infants[2]*
- 100% free amino acids as nitrogen source
- DHA and ARA, nutrients that help support brain and eye development
- 33% of fat blend as medium-chain triglycerides, an easily digested and well-absorbed fat source
- Supported by strict manufacturing standards and ELISA (Enzyme-linked ImmunoSorbent Assay) testing
- Does not contain milk protein, soy protein, fructose, galactose, lactose, or gluten
- Halal

1. Sicherer SH, et al. *J Pediatr* 2001;138:688-693.
2. Borschel MW, et al. *Clin Pediatr* 2013;52(10):910-917.

* Study conducted with a previous formulation of EleCare unflavored without DHA/ARA.

## Availability

| Size | Container | List No. |
|---|---|---|
| **Powder:** (with measuring scoop) | | |
| 14.1 oz (400 g); yields 95 fl oz | can; 6/case | 55251 |

## Ingredients

**Powder:** Corn Syrup Solids (55%), High Oleic Safflower Oil (9%), Medium Chain Triglycerides (8%), Soy Oil (7%), L-Glutamine (2%). **Less than 2% of:** C. Cohnii Oil, M. Alpina Oil, L-Asparagine, L-Leucine, L-Lysine Acetate, DATEM, Calcium Phosphate, L-Valine, Potassium Phosphate, L-Isoleucine, L-Arginine, L-Phenylalanine, L-Tyrosine, L-Threonine, Potassium Citrate, Sodium Citrate, L-Proline, L-Serine, L-Alanine, Glycine, L-Histidine, L-Methionine, Ascorbic Acid, Magnesium Chloride, Calcium Carbonate, L-Cystine Dihydrochloride, L-Tryptophan, Salt, Choline Chloride, m-Inositol, Ferrous Sulfate, Taurine, Ascorbyl Palmitate, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, L-Carnitine, Niacinamide, Calcium Pantothenate, Thiamine Chloride Hydrochloride, Cupric Sulfate, Manganese Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Beta-Carotene, Biotin, Phylloquinone, Chromium Chloride, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Vitamin $D_3$ and Cyanocobalamin.

## NUTRITION INFORMATION

| | 100 Cal (21.05 g powder)† | 1000 mL | 100 g powder |
|---|---|---|---|
| **Energy,** Cal | 100 | 676 | 475 |
| **Volume,** mL | 148 | 1000 | —‡ |
| **Protein equivalent,** g | 3.1 | 21.0 | 14.5 |
| % Total Cal | 15§ | 15§ | 15§ |
| Source | Free L-amino acids | | |
| **Fat,** g | 4.8 | 32.5 | 23 |
| % Total Cal | 42 | 43 | 43 |
| Source | High oleic safflower oil, medium chain triglycerides, soy oil (0.15% DHA; 0.40% ARA) | | |
| Oil Ratio | 39:33:28 | 39:33:28 | 39:33:28 |
| Linoleic Acid, mg | 840 | 5683 | 4000 |
| **Carbohydrate,** g | 10.7 | 72.4 | 51 |
| % Total Calories | 43 | 42 | 42 |
| Source | Corn syrup solids | | |
| **Vitamins** | | | |
| Vitamin A, IU | 273 | 1847 | 1300 |
| Vitamin A, mcg RE | 82 | 554 | 390 |
| Vitamin D, IU | 60 | 406 | 285 |
| Vitamin D, mcg | 1.5 | 10.15 | 7.1 |
| Vitamin E, IU | 2.1 | 14.2 | 10 |
| Vitamin K, mcg | 13 | 88 | 60 |
| Thiamin (Vit $B_1$), mcg | 210 | 1421 | 1000 |
| Riboflavin (Vit $B_2$), mcg | 105 | 710 | 500 |
| Vitamin $B_6$, mcg | 84.2 | 570 | 400 |
| Vitamin $B_{12}$, mcg | 0.4 | 2.7 | 2.0 |
| Niacin, mcg | 1680 | 11,366 | 8000 |
| Folic Acid, mcg | 29.5 | 200 | 140 |
| Pantothenic Acid, mcg | 421 | 2848 | 2000 |
| Biotin, mcg | 4.2 | 28.4 | 20 |
| Vitamin C, mg | 9 | 61 | 43 |
| Choline, mg | 15 | 101 | 71 |
| Inositol, mg | 5.1 | 35 | 24 |
| **Minerals** | | | |
| Calcium, mg | 116 | 785 | 550 |
| Phosphorus, mg | 84.2 | 570 | 400 |
| Magnesium, mg | 8.4 | 56.8 | 40 |
| Iron, mg | 1.8 | 12.2 | 8.4 |
| Zinc, mg | 1.15 | 7.8 | 5.5 |
| Manganese, mcg | 84 | 568 | 400 |
| Copper, mcg | 126 | 852 | 599 |
| Iodine, mcg | 8.9 | 60 | 42 |
| Selenium, mcg | 2.6 | 17.6 | 12.6 |
| Chromium, mcg | 2.3 | 15.6 | 11 |
| Molybdenum, mcg | 2.5 | 17.1 | 12 |
| Sodium, mg | 45 | 304 | 215 |
| Sodium, mEq | 2.0 | 13.2 | 9.4 |
| Potassium, mg | 150 | 1015 | 715 |
| Potassium, mEq | 3.9 | 26 | 18.3 |
| Chloride, mg | 60 | 406 | 285 |
| Chloride, mEq | 1.7 | 11.5 | 8.0 |
| **Other Characteristics** | | | |
| PRSL, mOsm | 28 | 187 | 131 |
| Water, g | 132 | 895 | — |
| Osmolality, mOsm/kg $H_2O$ | — | 350 | — |

† Prepared at 20 Cal/fl oz.

‡ 100 g of powder displaces 74 mL of water.

§ May ME, et al. *Am J Clin Nutr* 1990;52:770-776.

C. Cohnii Oil is a source of DHA.

M. Alpina Oil is a source of ARA.

# Similac®
# for Diarrhea

For the Dietary Management of Diarrhea


## Description/Indications

A **20 Cal/fl oz** formula for dietary management of diarrhea to help firm loose and watery stools in infants older than 6 months and toddlers.

## Features

- First and only nutritionally complete infant formula to contain added dietary fiber (soy) specifically for dietary management of diarrhea (6 g/L)
- Clinically shown to reduce the duration of loose, watery stools during mild to severe diarrhea in older infants[1,2]
- Clinically shown to be effective in the management of antibiotic-induced diarrhea[3]
- A unique blend of carbohydrates using two different absorption pathways to help maximize absorption and minimize malabsorption risks
- Low osmolality (240 mOsm/kg water) to reduce the risk of osmotic diarrhea
- Lactose-free and gluten-free
- Kosher, Halal

## Precautions

- Similac for Diarrhea should not be fed to infants and toddlers with constipation
- This formula should be used for 7 to 10 days or as directed by a doctor

## Preparation

**Ready To Feed:** Do not dilute.

1. Vanderhoof JA, et al. *Clin Pediatr* 1997;36(3):135–139.
2. Brown KH, et al. *Pediatrics* 1993;92(2):241–247.
3. Burks AW, et al. *J Pediatr* 2001;139(4):578–582.

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Ready To Feed:** (20 Cal/fl oz) | | |
| 8 fl oz | can; 24/case | 51276 |
| 1 qt | plastic bottle; 6/case | 57768 |

## Ingredients

**Ready To Feed:** Water, Corn Syrup, Sugar, Soy Oil, Soy Protein Isolate, Coconut Oil, Soy Fiber. **Less than 0.5% of:** Calcium Citrate, Calcium Phosphate, Potassium Phosphate, Taurine, Ascorbic Acid, Potassium Citrate, m-Inositol, Magnesium Chloride, Monoglycerides, Soy Lecithin, Salt, Potassium Chloride, Zinc Sulfate, Carrageenan, L-Methionine, Potassium Hydroxide, Niacinamide, Ferrous Sulfate, Calcium Pantothenate, Choline Chloride, Cupric Sulfate, L-Carnitine, d-Alpha-Tocopheryl Acetate, Riboflavin, Vitamin A Palmitate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Folic Acid, Potassium Iodide, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, and Cyanocobalamin.
**Contains soy ingredients.**

### NUTRITION INFORMATION

| | 100 Cal | 1000 mL | | 100 Cal | 1000 mL |
|---|---|---|---|---|---|
| **Energy,** Cal | 100 | 676 | Pantothenic Acid, mcg | 750 | 5072 |
| **Volume,** mL | 148 | 1000 | Biotin, mcg | 4.5 | 30.4 |
| **Protein,** g | 2.66 | 17.99 | Vitamin C, mg | 9 | 61 |
| % Total Cal | 11 | 11 | Choline, mg | 12 | 81 |
| Source | Soy protein isolate, L-methionine | | Inositol, mg | 5.0 | 33.8 |
| **Fat,** g | 5.46 | 36.93 | **Minerals** | | |
| % Total Cal | 49 | 49 | Calcium, mg | 105 | 710 |
| Source | Soy and coconut oils | | Calcium, mEq | 5.2 | 35.4 |
| Oil Ratio | 60:40 | 60:40 | Phosphorus, mg | 75 | 507 |
| Linoleic Acid, mg | 1300 | 8792 | Magnesium, mg | 7.5 | 50.7 |
| **Carbohydrate,** g | 10.1 | 68.3 | Iron, mg | 1.8 | 12.2 |
| % Total Cal | 40 | 40 | Zinc, mg | 0.75 | 5.07 |
| Source | Corn syrup, sugar | | Manganese, mcg | 25 | 169 |
| Ratio | 60:40 | 60:40 | Copper, mcg | 75 | 507 |
| Dietary Fiber, g | 0.9 | 6.0 | Iodine, mcg | 15 | 101 |
| **Vitamins** | | | Selenium, mcg | 2 | 14 |
| Vitamin A, IU | 300 | 2029 | Sodium, mg | 44 | 298 |
| Vitamin D, IU | 60 | 406 | Sodium, mEq | 1.9 | 12.9 |
| Vitamin E, IU | 1.5 | 10.1 | Potassium, mg | 108 | 730 |
| Vitamin K, mcg | 11 | 74 | Potassium, mEq | 2.8 | 18.7 |
| Thiamin (Vit $B_1$), mcg | 60 | 406 | Chloride, mg | 62 | 419 |
| Riboflavin (Vit $B_2$), mcg | 90 | 609 | Chloride, mEq | 1.8 | 11.8 |
| Vitamin $B_6$, mcg | 60 | 406 | **Other Characteristics** | | |
| Vitamin $B_{12}$, mcg | 0.45 | 3.04 | PRSL, mOsm | 24.0 | 162.6 |
| Niacin, mcg | 1350 | 9130 | Water, g | 133 | 899 |
| Folic Acid, mcg | 15 | 101 | Osmolality, mOsm/kg $H_2O$ | 240 | 240 |

# Similac® PM 60/40

Low-Iron Infant Formula


## Description/Indications

A **20 Cal/fl oz** formula for infants who would benefit from lowered mineral intake, including those with impaired renal function.

## Features

- Mineral levels closely approximating the mineral content of human milk (60:40 ratio of whey to casein)
- Calcium-to-phosphorus ratio and content designed to manage serum calcium disorders—both hypercalcemia and hypocalcemia due to hyperphosphatemia
- Gluten-free
- Kosher, Halal

## Precautions

- Additional iron should be supplied from other sources
- In conditions where the infant is losing abnormal quantities of one or more electrolytes, it may be necessary to supply electrolytes from sources other than the formula
- It may be necessary to supply low-birth-weight infants weighing less than 1500 g at birth additional calcium, phosphorus, and sodium during periods of rapid growth
- Not for infants or children with galactosemia

## Availability

| Size | Container | List No. |
|---|---|---|
| **Powder:** (with measuring scoop) | | |
| 14.1 oz (400 g); yields 102 fl oz* | can; 6/case | 00850 |

* At standard density of 20 Cal/fl oz.

## Ingredients

**Powder:** Lactose, High Oleic Safflower Oil, Whey Protein Concentrate, Soy Oil, Coconut Oil, Sodium Caseinate. **Less than 2% of:** Potassium Citrate, Calcium Phosphate, Calcium Carbonate, Magnesium Chloride, Potassium Chloride, Ascorbic Acid, m-Inositol, Salt, Choline Chloride, Taurine, Ascorbyl Palmitate, Ferrous Sulfate, Zinc Sulfate, Mixed Tocopherols, L-Carnitine, Niacinamide, d-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Cupric Sulfate, Vitamin A Palmitate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Beta-Carotene, Folic Acid, Manganese Sulfate, Potassium Iodide, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin and Potassium Hydroxide. **Contains milk ingredients.**

### NUTRITION INFORMATION

| | 100 Cal | 1000 mL | | 100 Cal | 1000 mL |
|---|---|---|---|---|---|
| **Energy,** Cal | 100 | 676 | Vitamin C, mg | 9 | 61 |
| **Volume,** mL | 148 | 1000 | Choline, mg | 12 | 81 |
| **Protein,** g | 2.2 | 15 | Inositol, mg | 24 | 162 |
| % Total Cal | 9 | 9 | **Minerals** | | |
| Source | Whey protein concentrate and sodium caseinate | | Calcium, mg | 56 | 379 |
| **Fat,** g | 5.6 | 37.9 | Calcium, mEq | 2.8 | 18.9 |
| % Total Cal | 50 | 50 | Phosphorus, mg | 28 | 189 |
| Source | High oleic safflower, soy, and coconut oils | | Magnesium, mg | 6 | 40.6 |
| Oil Ratio | 41:30:29 | 41:30:29 | Iron, mg | 0.7 | 4.7 |
| Linoleic Acid, mg | 1000 | 6763 | Zinc, mg | 0.8 | 5.1 |
| **Carbohydrate,** g | 10.2 | 69.0 | Manganese, mcg | 5 | 34 |
| % Total Cal | 41 | 41 | Copper, mcg | 90 | 609 |
| Source | Lactose | | Iodine, mcg | 6 | 41 |
| **Vitamins** | | | Selenium, mcg | 2 | 14 |
| Vitamin A, IU | 300 | 2029 | Sodium, mg | 24 | 162 |
| Vitamin D, IU | 60 | 406 | Sodium, mEq | 1.0 | 7.1 |
| Vitamin E, IU | 1.5 | 10.1 | Potassium, mg | 80 | 541 |
| Vitamin K, mcg | 8 | 54 | Potassium, mEq | 2.1 | 13.8 |
| Thiamin (Vit $B_1$), mcg | 100 | 676 | Chloride, mg | 59 | 399 |
| Riboflavin (Vit $B_2$), mcg | 150 | 1014 | Chloride, mEq | 1.7 | 11.3 |
| Vitamin $B_6$, mcg | 60 | 406 | **Other Characteristics** | | |
| Vitamin $B_{12}$, mcg | 0.3 | 1.7 | PRSL, mOsm | 18.3 | 124.1 |
| Niacin, mcg | 1050 | 7101 | Water, g | 134 | 899 |
| Folic Acid, mcg | 15 | 101 | Osmolality, mOsm/kg $H_2O$ | 280 | 280 |
| Pantothenic Acid, mcg | 450 | 3043 | | | |
| Biotin, mcg | 5 | 30.4 | | | |

# Premature Infant Formulas

# Premature Infant Formulas

## Comprehensive Nutrition Options for Preterm Infants

Low-birth-weight and preterm infants arrive with unique feeding challenges, which can continue in hospital and post-discharge.

Insufficient amounts of nutrients, an imbalance of nutrients, or their poor bioavailability may prevent premature infants from achieving their full growth potential.

Human milk is the optimal form of infant nutrition and the preferred source of enteral nutrition for preterm infants, primarily due to its immunologic properties. However, despite its documented advantages, human milk alone does not meet all the nutritional needs of preterm infants, who often require supplementation to meet their unique nutritional needs.[1]

1. Kleinman RE, Greer FR (eds ). *Pediatric Nutrition*, 7th ed. Elk Grove Village, IL: American Academy of Pediatrics; 2014:103.

## Abbott Nutrition: A Tradition of Innovation Supporting the Preterm Infant

Abbott Nutrition provides a number of solutions to support the nutritional needs of low-birth-weight and preterm infants, including a flexible strategy to help human milk meet the high nutrient demands of preterm infants.

**Nutritional products specifically designed for preterm infants:**

- Over 50 years of research
- Over 100 scientific publications

**Extensive product line for individualized feedings:**

- Similac® Human Milk Fortifiers (Concentrated Liquids and Powder) for use as a nutritional supplement to add to human milk
- Similac® Special Care® family of milk-based liquid formulas 20, 24, 24 High Protein, and 30 Cal/fl oz suitable for mixing using the Liqui-Mix® System
- Similac® NeoSure®, a nutrient-enriched, post-discharge, milk-based, preterm infant formula available in powder and ready-to-feed forms
- Liquid Protein Fortifier, a commercially sterile liquid protein to fortify NICU formula and human milk


These formulations are specially designed to meet the unique nutritional requirements of preterm infants and can be fed with confidence to most of the preterm infants in the NICU.

## Abbott Nutrition: Committed to Innovation by Advancing Nutrition Science

- 2014 Similac® Human Milk Fortifier Hydrolyzed Protein Concentrated Liquid
- 2013 Similac® Human Milk Fortifier Concentrated Liquid nutritional supplement for preterm human milk
- 2012 Liquid Protein Fortifier, the first and only commercially sterile, extensively hydrolyzed liquid protein
- 2012 Similac® preterm infant formulas, the first and only preterm infant formulas with added Lutein
- 2009 Similac® Special Care® 24 High Protein, the first high-protein, ready-to-feed, liquid preterm infant formula
- 2009 Slow Flow nipple for a more controlled flow rate
- 2008 E-Z open, wrist-friendly, 2-fl-oz hospital bottles
- 2006 Similac® Special Care® 30, the first 30-Cal, ready-to-feed preterm infant formula
- 2006 Similac® Special Care® Liqui-Mix® System, a mixing system offering the convenience and ease of preparation without mixing powders
- 2000 Similac® Human Milk Fortifier, powdered nutritional supplement for preterm human milk
- 1994 Similac® NeoSure® (formerly Similac NeoCare®), nutrient-enriched 22 Cal/fl oz, iron-fortified premature infant formula
- 1993 Shatterproof 2-fl-oz bottle
- 1985 Similac Natural Care®, ready-to-use liquid human milk fortifier
- 1983 Orthodontic nipple
- 1980 Similac® Special Care® 24, the first low-birth-weight, premature infant formula with a total composition designed to meet fetal accretion rates
- 1978 Similac® 24 LBW, medium-chain triglycerides and glucose polymers in a low-birth-weight infant formula
- 1975 Similac® PM 60/40, ready-to-feed, low-mineral formula
- 1970 Volu-Feed®, the first disposable volumetric feeding nurser
- 1965 Similac® With Iron 24, ready-to-feed formula
- 1963 Similac® 20, the first prebottled, presterilized formula system in the US

# Similac® Special Care® 20

Premature Infant Formula with Iron


## Description/Indications

A **20 Cal/fl oz**, iron-fortified feeding for growing, low-birth-weight infants and premature infants.

## Features

- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E; these important ingredients are found in breast milk
  - DHA for brain and eye development
  - Lutein to support eye health
  - Vitamin E, an important nutrient found in breast milk to support developing cells
- Lutein, a carotenoid naturally found in colostrum and human milk, has been shown to help support eye development of the preterm infant[1-4]
- Calcium:phosphorus content and ratio (1.8:1) supports intrauterine accretion rates[5]
- Approximately 2 mg iron/kg body weight per day when fed at 120 Cal/kg body weight per day
- Gluten-free
- Kosher, Halal

## Precautions

- Very low-birth-weight infants are particularly susceptible to gastrointestinal complications; therefore, feeding should be initiated cautiously
- Tolerance to enteral feedings should be confirmed by initially offering small volumes of formula followed by cautious progression to higher caloric feedings
- Spitting up, abdominal distention, abnormal stools or stool patterns, excessive gastric residuals, or other signs of intestinal dysfunction have been associated with enteral feeding before the intestinal tract is ready to accommodate the regimen. At the first sign of these problems, enteral feeding should be slowed or discontinued
- Not intended for feeding low-birth-weight infants after they reach a weight of 3600 g (approximately 8 lb) or as directed by a physician

1. Canfield LM, et al. *Eur J Nutr* 2003;42:133-141.
2. Schweigert FJ, et al. *Eur J Nutr* 2004;43:39-44.
3. Patton S, et al. *Lipids* 1990;25:159-165.
4. Rubin LP, et al. *J Perinatol* 2012; 32(6):418-424.
5. Mize CE, et al. *Am J Clin Nutr* 1995;62:385-391.

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| **Custom Feeding System** | | |
| **Ready to Feed:** (20 Cal/fl oz) | | |
| 2 fl oz | plastic bottle; 48/case | 56265 |

## Preparation


### Ready To Feed:

Do not dilute unless directed by a physician.

Can be mixed to a variety of caloric densities using the Liqui-Mix® System (see pages 84-92). Follow physician's instructions.

## Ingredients

**Ready To Feed:** Water, Nonfat Milk, Corn Syrup Solids, Medium Chain Triglycerides, Lactose, Whey Protein Concentrate, Soy Oil, Coconut Oil. **Less than 0.5% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Calcium Phosphate, Ascorbic Acid, Magnesium Chloride, Soy Lecithin, Monoglycerides, Potassium Citrate, m-Inositol, Carrageenan, Calcium Carbonate, Sodium Citrate, Potassium Hydroxide, Ferrous Sulfate, Choline Bitartrate, Taurine, Niacinamide, Choline Chloride, L-Carnitine, Zinc Sulfate, Potassium Chloride, Salt, Potassium Phosphate, d-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Vitamin A Palmitate, Cupric Sulfate, Riboflavin, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Biotin, Phylloquinone, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin, and Nucleotides (Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate, Adenosine 5'-Monophosphate). **Contains milk and soy ingredients.**

## NUTRITION INFORMATION

| | 100 Cal | 1000 mL |
|---|---|---|
| **Energy,** Cal | 100 | 676 |
| **Volume,** mL | 148 | 1000 |
| **Protein,** g | 3.0 | 20.29 |
| % Total Cal | 12 | 12 |
| Source | Nonfat milk, whey protein concentrate | |
| **Fat,** g | 5.43 | 36.72 |
| % Total Cal | 47 | 47 |
| Source | Medium chain triglycerides, soy, and coconut oils (0.25% DHA; 0.40% ARA) | |
| Oil Ratio | 50:30:18 | 50:30:18 |
| Linoleic Acid, mg | 700 | 4734 |
| **Carbohydrate,** g | 10.3 | 69.7 |
| % Total Cal | 41 | 41 |
| Source | Corn syrup solids, lactose | |
| Ratio | 50:50 | 50:50 |
| **Vitamins** | | |
| Vitamin A, IU | 1250 | 8454 |
| Vitamin D, IU | 150 | 1014 |
| Vitamin E, IU | 4.0 | 27.1 |
| Vitamin K, mcg | 12 | 81.2 |
| Thiamin (Vit $B_1$), mcg | 250 | 1691 |
| Riboflavin (Vit $B_2$), mcg | 620 | 4193 |
| Vitamin $B_6$, mcg | 250 | 1691 |
| Vitamin $B_{12}$, mcg | 0.55 | 3.72 |
| Niacin, mcg | 5000 | 33,815 |
| Folic Acid, mcg | 37 | 250 |
| Pantothenic Acid, mcg | 1900 | 12,850 |

| | 100 Cal | 1000 mL |
|---|---|---|
| Biotin, mcg | 37 | 250 |
| Vitamin C, mg | 37 | 250 |
| Choline, mg | 10 | 68 |
| Inositol, mg | 40 | 271 |
| **Minerals** | | |
| Calcium, mg | 180 | 1217 |
| Calcium, mEq | 9.0 | 60.7 |
| Phosphorus, mg | 100 | 676 |
| Magnesium, mg | 12 | 81.2 |
| Iron, mg | 1.8 | 12.2 |
| Zinc, mg | 1.5 | 10.14 |
| Manganese, mcg | 12 | 81 |
| Copper, mcg | 250 | 1691 |
| Iodine, mcg | 6 | 41 |
| Selenium, mcg | 2 | 14 |
| Sodium, mg | 43 | 291 |
| Sodium, mEq | 1.9 | 12.6 |
| Potassium, mg | 129 | 872 |
| Potassium, mEq | 3.3 | 22.3 |
| Chloride, mg | 81 | 548 |
| Chloride, mEq | 2.3 | 15.5 |
| **Other Characteristics** | | |
| PRSL, mOsm | 27.8 | 188.2 |
| Water, g | 133 | 899 |
| Approx Osmolality, mOsm/kg $H_2O$ | 235 | 235 |

C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

# Similac®
# Special Care® 24

Premature Infant Formula with Iron


## Description/Indications

A **24 Cal/fl oz**, iron-fortified feeding for growing, low-birth-weight infants and premature infants.

## Features

- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E; these important ingredients are found in breast milk
  - DHA for brain and eye development
  - Lutein to support eye health
  - Vitamin E, an important nutrient found in breast milk to support developing cells
- Clinically shown to improve early language development,[1*†] early visual development,[1*‡] and body composition[2*]
- Lutein, a carotenoid naturally found in colostrum and human milk, has been shown to help support eye development of the preterm infant[3-6]
- Calcium:phosphorus content and ratio (1.8:1) supports intrauterine accretion rates[7]
- Approximately 2 mg iron/kg body weight per day when fed at 120 Cal/kg body weight per day
- Gluten-free
- Kosher, Halal

## Precautions

- Very low-birth-weight infants are particularly susceptible to gastrointestinal complications; therefore, feeding should be initiated cautiously
- Tolerance to enteral feedings should be confirmed by initially offering small volumes of formula followed by cautious progression to higher caloric feedings
- Spitting up, abdominal distention, abnormal stools or stool patterns, excessive gastric residuals, or other signs of intestinal dysfunction have been associated with enteral feeding before the intestinal tract is ready to accommodate the regimen. At the first sign of these problems, enteral feeding should be slowed or discontinued
- Not intended for feeding low-birth-weight infants after they reach a weight of 3600 g (approximately 8 lb) or as directed by a physician

1. O'Connor DL, et al. *Pediatrics* 2001;108:359-371.
2. Groh-Wargo S, et al. *Pediatr Res* 2005;57:712-718.
3. Canfield LM, et al. *Eur J Nutr* 2003;42:133-141.
4. Schweigert FJ, et al. *Eur J Nutr* 2004;43:39-44.
5. Patton S, et al. *Lipids* 1990;25:159-165.
6. Rubin LP, et al. *J Perinatol* 2012;32(6):418-424.
7. Mize CE, et al. *Am J Clin Nutr* 1995;62:385-391.

* Compared to infants fed a formula without DHA and ARA in a clinical trial with Similac Special Care and Similac® NeoSure® infant formulas with iron.

† Based on a post-hoc analysis of English-speaking singleton premature infants using the MacArthur Communicative Developmental Inventories.

‡ Visual acuity measured at 4 and 6 months corrected age and assessed by VEP (visual evoked potential).

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| **Custom Feeding System** | | |
| **Ready to Feed:** (24 Cal/fl oz) | | |
| 2 fl oz | plastic bottle; 48/case | 56267 |

## Availability: Retail (available with physician order)

| Size | Container | List No. |
|---|---|---|
| **Ready to Feed:** (24 Cal/fl oz) | | |
| 2 fl oz | plastic bottle; 8 btl/ctn; 6 ctn/cs; 48 btl/cs | 56269 |

## Preparation


### Ready To Feed:

Do not dilute unless directed by a physician.

Can be mixed to a variety of caloric densities using the Liqui-Mix® System (see pages 84-92). Follow physician's instructions.

## Ingredients

**Ready To Feed:** Water, Nonfat Milk, Corn Syrup Solids, Medium Chain Triglycerides, Lactose, Whey Protein Concentrate, Soy Oil, Coconut Oil. **Less than 0.5% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Calcium Phosphate, Ascorbic Acid, Potassium Citrate, Calcium Carbonate, Soy Lecithin, Monoglycerides, Magnesium Chloride, m-Inositol, Sodium Citrate, Carrageenan, Potassium Hydroxide, Ferrous Sulfate, Choline Bitartrate, Taurine, Choline Chloride, Niacinamide, L-Carnitine, Zinc Sulfate, Potassium Chloride, Salt, Potassium Phosphate, d-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Vitamin A Palmitate, Cupric Sulfate, Riboflavin, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Biotin, Phylloquinone, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin, and Nucleotides (Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate, Adenosine 5'-Monophosphate). **Contains milk and soy ingredients.**

## NUTRITION INFORMATION

| | 100 Cal | 1000 mL |
|---|---|---|
| **Energy,** Cal | 100 | 812 |
| **Volume,** mL | 124 | 1000 |
| **Protein,** g | 3.0 | 24.34 |
| % Total Cal | 12 | 12 |
| Source | Nonfat milk, whey protein concentrate | |
| **Fat,** g | 5.43 | 44.07 |
| % Total Cal | 47 | 47 |
| Source | Medium chain triglycerides, soy, and coconut oils (0.25% DHA; 0.40% ARA) | |
| Oil Ratio | 50:30:18 | 50:30:18 |
| Linoleic Acid, mg | 700 | 5681 |
| **Carbohydrate,** g | 10.3 | 83.6 |
| % Total Cal | 41 | 41 |
| Source | Corn syrup solids, lactose | |
| Ratio | 50:50 | 50:50 |
| **Vitamins** | | |
| Vitamin A, IU | 1250 | 10,144 |
| Vitamin D, IU | 150 | 1217 |
| Vitamin E, IU | 4.0 | 32.5 |
| Vitamin K, mcg | 12 | 97.4 |
| Thiamin (Vit $B_1$), mcg | 250 | 2029 |
| Riboflavin (Vit $B_2$), mcg | 620 | 5032 |
| Vitamin $B_6$, mcg | 250 | 2029 |
| Vitamin $B_{12}$, mcg | 0.55 | 4.46 |
| Niacin, mcg | 5000 | 40,578 |
| Folic Acid, mcg | 37 | 300 |
| Pantothenic Acid, mcg | 1900 | 15,419 |

| | 100 Cal | 1000 mL |
|---|---|---|
| Biotin, mcg | 37 | 300 |
| Vitamin C, mg | 37 | 300 |
| Choline, mg | 10 | 81 |
| Inositol, mg | 40 | 325 |
| **Minerals** | | |
| Calcium, mg | 180 | 1461 |
| Calcium, mEq | 9.0 | 72.9 |
| Phosphorus, mg | 100 | 812 |
| Magnesium, mg | 12 | 97.4 |
| Iron, mg | 1.8 | 14.6 |
| Zinc, mg | 1.5 | 12.17 |
| Manganese, mcg | 12 | 97 |
| Copper, mcg | 250 | 2029 |
| Iodine, mcg | 6 | 49 |
| Selenium, mcg | 2 | 16 |
| Sodium, mg | 43 | 349 |
| Sodium, mEq | 1.9 | 15.2 |
| Potassium, mg | 129 | 1047 |
| Potassium, mEq | 3.3 | 26.8 |
| Chloride, mg | 81 | 657 |
| Chloride, mEq | 2.3 | 18.6 |
| **Other Characteristics** | | |
| PRSL, mOsm | 27.8 | 225.8 |
| Water, g | 109 | 885 |
| Approx Osmolality, mOsm/kg $H_2O$ | 280 | 280 |

C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

# Similac® Special Care® 24 High Protein

Premature Infant Formula with Iron


## Description/Indications

A **24 Cal/fl oz**, iron-fortified feeding for growing, low-birth-weight infants and premature infants who may need extra protein to help support growth.

## Features

- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E; these important ingredients are found in breast milk
  - DHA for brain and eye development
  - Lutein to support eye health
  - Vitamin E, an important nutrient found in breast milk to support developing cells
- 3.3 g of protein/100 Cal, 10% more protein than Similac® Special Care® 24
- Designed as a liquid option to meet the higher protein needs of very low-birth-weight preterm infants
- When fed at 120 Cal/kg/day, meets the recommended 4 g protein/kg/day for very low-birth-weight infants[1-4]
- Lutein, a carotenoid naturally found in colostrum and human milk, has been shown to help support eye development of the preterm infant[5-8]
- Calcium:phosphorus content and ratio (1.8:1) supports intrauterine accretion rates[9]
- Approximately 2 mg iron/kg body weight per day when fed at 120 Cal/kg body weight per day
- Gluten-free
- Kosher, Halal

## Precautions

- Very low-birth-weight infants are particularly susceptible to gastrointestinal complications; therefore, feeding should be initiated cautiously
- Tolerance to enteral feedings should be confirmed by initially offering small volumes of formula followed by cautious progression to higher caloric feedings
- Spitting up, abdominal distention, abnormal stools or stool patterns, excessive gastric residuals, or other signs of intestinal dysfunction have been associated with enteral feeding before the intestinal tract is ready to accommodate the regimen. At the first sign of these problems, enteral feeding should be slowed or discontinued
- Not intended for feeding low-birth-weight infants after they reach a weight of 3600 g (approximately 8 lb) or as directed by a physician

1. Ziegler EE. *J Pediatr Gastroenterol Nutr* 2007;45:170-174.
2. Klein CJ. *J Nutr* 2002;132:1395S-1577S.
3. Kleinman RE, Greer FR (eds ). *Pediatric Nutrition*, 7th ed. Elk Grove Village, IL: American Academy of Pediatrics; 2014:93.
4. Canadian Pediatric Society. *CMAJ* 1995;152(11):1765-1785.
5. Canfield LM, et al. *Eur J Nutr* 2003;42:133-141.
6. Schweigert FJ, et al. *Eur J Nutr* 2004;43:39-44.
7. Patton S, et al. *Lipids* 1990;25:159-165.
8. Rubin LP, et al. *J Perinatol* 2012;32(6):418-424.
9. Mize CE, et al. *Am J Clin Nutr* 1995;62:385-391.

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| **Custom Feeding System** | | |
| **Ready to Feed:** (24 Cal/fl oz) | | |
| 2 fl oz | plastic bottle; 48/case | 56271 |

## Preparation


### Ready To Feed:

Do not dilute unless directed by a physician.

Can be mixed to a variety of caloric densities using the Liqui-Mix® System (see pages 84-92). Follow physician's instructions.

## Ingredients

**Ready To Feed:** Water, Nonfat Milk, Corn Syrup Solids, Medium Chain Triglycerides, Whey Protein Concentrate, Lactose, Soy Oil, Coconut Oil. **Less than 0.5% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Calcium Phosphate, Ascorbic Acid, Potassium Citrate, Calcium Carbonate, Soy Lecithin, Monoglycerides, Magnesium Chloride, m-Inositol, Sodium Citrate, Carrageenan, Potassium Hydroxide, Ferrous Sulfate, Choline Bitartrate, Taurine, Choline Chloride, Niacinamide, L-Carnitine, Zinc Sulfate, Potassium Chloride, Salt, Potassium Phosphate, d-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Vitamin A Palmitate, Cupric Sulfate, Riboflavin, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Biotin, Phylloquinone, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin, and Nucleotides (Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate, Adenosine 5'-Monophosphate). **Contains milk and soy ingredients.**

## NUTRITION INFORMATION

| | 100 Cal | 1000 mL |
|---|---|---|
| **Energy,** Cal | 100 | 812 |
| **Volume,** mL | 124 | 1000 |
| **Protein,** g | 3.3 | 26.8 |
| % Total Cal | 13 | 13 |
| Source | Nonfat milk, whey protein concentrate | |
| **Fat,** g | 5.43 | 44.07 |
| % Total Cal | 47 | 47 |
| Source | Medium chain triglycerides, soy, and coconut oils (0.25% DHA; 0.40% ARA) | |
| Oil Ratio | 50:30:18 | 50:30:18 |
| Linoleic Acid, mg | 700 | 5681 |
| **Carbohydrate,** g | 10 | 81 |
| % Total Cal | 40 | 40 |
| Source | Corn syrup solids, lactose | |
| Ratio | 50:50 | 50:50 |
| **Vitamins** | | |
| Vitamin A, IU | 1250 | 10,144 |
| Vitamin D, IU | 150 | 1217 |
| Vitamin E, IU | 4.0 | 32.5 |
| Vitamin K, mcg | 12 | 97.4 |
| Thiamin (Vit $B_1$), mcg | 250 | 2029 |
| Riboflavin (Vit $B_2$), mcg | 620 | 5032 |
| Vitamin $B_6$, mcg | 250 | 2029 |
| Vitamin $B_{12}$, mcg | 0.55 | 4.46 |
| Niacin, mcg | 5000 | 40,578 |
| Folic Acid, mcg | 37 | 300 |
| Pantothenic Acid, mcg | 1900 | 15,419 |

| | 100 Cal | 1000 mL |
|---|---|---|
| Biotin, mcg | 37 | 300 |
| Vitamin C, mg | 37 | 300 |
| Choline, mg | 10 | 81 |
| Inositol, mg | 40 | 325 |
| **Minerals** | | |
| Calcium, mg | 180 | 1461 |
| Calcium, mEq | 9.0 | 72.9 |
| Phosphorus, mg | 100 | 812 |
| Magnesium, mg | 12 | 97.4 |
| Iron, mg | 1.8 | 14.6 |
| Zinc, mg | 1.5 | 12.17 |
| Manganese, mcg | 12 | 97 |
| Copper, mcg | 250 | 2029 |
| Iodine, mcg | 6 | 49 |
| Selenium, mcg | 2 | 16 |
| Sodium, mg | 43 | 349 |
| Sodium, mEq | 1.9 | 15.2 |
| Potassium, mg | 129 | 1047 |
| Potassium, mEq | 3.3 | 26.8 |
| Chloride, mg | 81 | 657 |
| Chloride, mEq | 2.3 | 18.6 |
| **Other Characteristics** | | |
| PRSL, mOsm | 29.5 | 240 |
| Water, g | 109 | 885 |
| Approx Osmolality, mOsm/kg $H_2O$ | 280 | 280 |

C. Cohnii Oil is a source of DHA.

M. Alpina Oil is a source of ARA.

# Similac® Special Care® 30

Premature Infant Formula with Iron


## Description/Indications

A **30 Cal/fl oz**, iron-fortified feeding for growing, low-birth-weight infants and premature infants. First 30 Cal/fl oz ready-to-feed liquid preterm infant formula.

## Features

- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E; these important ingredients are found in breast milk
  - DHA for brain and eye development
  - Lutein to support eye health
  - Vitamin E, an important nutrient found in breast milk to support developing cells
- When mixed 1:1 with human milk, provides 25 Cal/fl oz to meet the energy needs of most preterm infants[1,2]
- Lutein, a carotenoid naturally found in colostrum and human milk, has been shown to help support eye development of the preterm infant[3-6]
- Increases the calcium and phosphorus content of human milk to support growing bones[1,7]
- With human milk
  - Suitable for use as a human milk fortifier
  - Can be used as a breast milk extender for mothers whose milk supply is low[2*]
  - Increases the nutrient content of human milk without increasing the osmolality—nearly isotonic at 310 mOsm/kg water when mixed 1:1 with human milk
  - Can be mixed with human milk to a variety of caloric densities (see pages 107-109)
- Gluten-free; Kosher, Halal

## Precautions

- Very low-birth-weight infants are particularly susceptible to gastrointestinal complications; therefore, feeding should be initiated cautiously
- Use this product only after feedings of lower caloric density are well-established. For improved tolerance, it is best to increase caloric density slowly, by 2- to 4-Cal/fl oz increments
- Hydration status should be monitored
- Spitting up, abdominal distention, abnormal stools or stool patterns, excessive gastric residuals, or other signs of intestinal dysfunction have been associated with enteral feeding before the intestinal tract is ready to accommodate the regimen. At the first sign of these problems, enteral feeding should be slowed or discontinued
- Not intended for feeding low-birth-weight infants after they reach a weight of 3600 g (approximately 8 lb) or as directed by a physician

1. Klein CJ. *J Nutr* 2002;132:1395S-1577S.
2. Lewis J, et al. *J Invest Med* 2010;58(2):435. Abstract 283.
3. Canfield LM, et al. *Eur J Nutr* 2003;42:133-141.
4. Schweigert FJ, et al. *Eur J Nutr* 2004;43:39-44.
5. Patton S, et al. *Lipids* 1990;25:159-165.
6. Rubin LP, et al. *J Perinatol* 2012;32(6):418-424.
7. Tsang R, et al (eds). *Nutrition of the Preterm Infant:* Scientific Basis and Practical Guidelines. Cincinnati, OH: Digital Education Publishing Inc., 2005.

* Use once feeding tolerance is established.

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| **Custom Feeding System** | | |
| **Ready to Feed:** (30 Cal/fl oz) | | |
| 2 fl oz | plastic bottle; 48/case | 56275 |

## Availability: Retail (available with physician order)

| Size | Container | List No. |
|---|---|---|
| **Ready to Feed:** (30 Cal/fl oz) | | |
| 2 fl oz | plastic botttle; 8 btl/ctn; 6 ctn/cs; 48 btl/cs | 56312 |

## Preparation


### Ready To Feed:

Do not dilute unless directed by a physician.

Can be mixed to a variety of caloric densities using the Liqui-Mix® System (see pages 84-92). Follow physician's instructions.

## Ingredients

**Ready To Feed:** Water, Nonfat Milk, Corn Syrup Solids, Medium Chain Triglycerides, Soy Oil, Whey Protein Concentrate, Coconut Oil, Lactose. **Less than 0.5% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Calcium Phosphate, Ascorbic Acid, Calcium Carbonate, Soy Lecithin, Monoglycerides, Magnesium Chloride, Sodium Citrate, m-Inositol, Potassium Hydroxide, Carrageenan, Ferrous Sulfate, Choline Bitartrate, Taurine, Choline Chloride, Niacinamide, L-Carnitine, Zinc Sulfate, d-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Vitamin A Palmitate, Cupric Sulfate, Riboflavin, Potassium Citrate, Pyridoxine Hydrochloride, Thiamine Chloride Hydrochloride, Folic Acid, Manganese Sulfate, Biotin, Phylloquinone, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin, Potassium Chloride, Potassium Phosphate, and Nucleotides (Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate, Adenosine 5'-Monophosphate). **Contains milk and soy ingredients.**

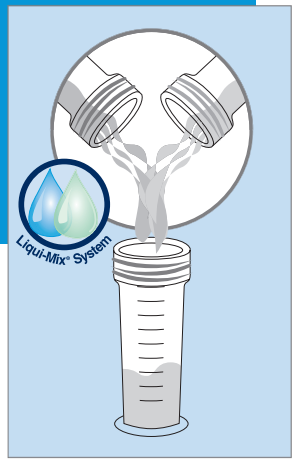
## NUTRITION INFORMATION

| | 100 Cal | 1000 mL | | 100 Cal | 1000 mL |
|---|---|---|---|---|---|
| **Energy,** Cal | 100 | 1014 | Biotin, mcg | 37 | 375.3 |
| **Volume,** mL | 99 | 1000 | Vitamin C, mg | 37 | 375 |
| **Protein,** g | 3.0 | 30.4 | Choline, mg | 10 | 101 |
| % Total Cal | 12 | 12 | Inositol, mg | 40 | 406 |
| Source | Nonfat milk, whey protein concentrate | | **Minerals** | | |
| **Fat,** g | 6.61 | 67.1 | Calcium, mg | 180 | 1826 |
| % Total Cal | 57 | 57 | Calcium, mEq | 9.0 | 91.3 |
| Source | Medium chain triglycerides, soy, and coconut oils (0.25% DHA; 0.40% ARA) | | Phosphorus, mg | 100 | 1014 |
| Oil Ratio | 50:30:18 | 50:30:18 | Magnesium, mg | 12 | 122 |
| Linoleic Acid, mg | 700 | 7101 | Iron, mg | 1.8 | 18.3 |
| **Carbohydrate,** g | 7.73 | 78.4 | Zinc, mg | 1.5 | 15.22 |
| % Total Cal | 31 | 31 | Manganese, mcg | 12 | 122 |
| Source | Corn syrup solids, lactose | | Copper, mcg | 250 | 2536 |
| Ratio | 50:50 | 50:50 | Iodine, mcg | 6 | 61 |
| **Vitamins** | | | Selenium, mcg | 2 | 20 |
| Vitamin A, IU | 1250 | 12,681 | Sodium, mg | 43 | 436 |
| Vitamin D, IU | 150 | 1522 | Sodium, mEq | 1.9 | 19.0 |
| Vitamin E, IU | 4.0 | 40.6 | Potassium, mg | 129 | 1308 |
| Vitamin K, mcg | 12 | 122 | Potassium, mEq | 3.3 | 33.5 |
| Thiamin (Vit $B_1$), mcg | 250 | 2536 | Chloride, mg | 81 | 821 |
| Riboflavin (Vit $B_2$), mcg | 620 | 6290 | Chloride, mEq | 2.3 | 23.2 |
| Vitamin $B_6$, mcg | 250 | 2536 | **Other Characteristics** | | |
| Vitamin $B_{12}$, mcg | 0.55 | 5.58 | PRSL, mOsm | 27.8 | 282.3 |
| Niacin, mcg | 5000 | 50,722 | Water, g | 84 | 852 |
| Folic Acid, mcg | 37 | 375 | Approx Osmolality, mOsm/kg $H_2O$ | 325 | 325 |
| Pantothenic Acid, mcg | 1900 | 19,274 | | | |

C. Cohnii Oil is a source of DHA.

M. Alpina Oil is a source of ARA.

# Liqui-Mix® System




## Description

Eliminate most powder mixing—the AND and the CDC* recommend that powdered infant formulas not be used in the NICU unless there is no nutritionally appropriate alternative available.[1,2] The Liqui-Mix System is a commercially sterile, all-liquid solution that helps deliver a high-calorie, nutrient-dense feeding.

- NICU babies are often immunocompromised and may be at high risk for developing infections
- Powdered formulas are not commercially sterile
- Reconstituted powder infant formulas have potential for microbial growth and mixing errors

Similac® Special Care® liquid formulas eliminate the need for most powder mixing.

## Features

- **All-Liquid**
  - Liquid formulas eliminate the need for most powder mixing and meet the AND and CDC recommendations to reduce risk of contamination
- **Versatile**
  - Easy mixing to create a variety of calorically dense formulas
- **Simple**
  - Easy to use 2:1, 1:1, 1:2 system

**NOTE:** Proper hygiene, handling, and storage are important when preparing infant formulas. Always follow your hospital's policies and procedures regarding safe handling practices when preparing infant feedings to prevent the possibility of contamination.

1. Pediatric Nutrition Practice Group, Robbins ST, Meyers R. *Infant Feedings: Guidelines for Preparation of Human Milk and Formula in Health Care Facilities*, 2nd ed. Chicago: American Dietetic Association, 2011.

2. Centers for Disease Control and Prevention. *Enterobacter sakazakii* infections associated with the use of powdered infant formula—Tennessee, 2001. Available at http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5114a1.htm. Accessed August 26, 2016.

*Academy of Nutrition and Dietetics and Centers for Disease Control and Prevention.

## Individualized Care

The Liqui-Mix System offers flexible solutions to customize feedings to meet the unique nutrient needs of preterm infants. All Similac Special Care Premature Infant Formulas can be used in the Liqui-Mix System.

### Recipes for various formula concentrations using the Liqui-Mix® System

(See pages 88-92 for nutrient information)

Measure liquid formulas by volume when mixing, as bottle fill weights can vary

**Similac Special Care 20 (SSC 20) + Similac Special Care 24 (SSC 24)**

| To Prepare: | Mix the Following: |
|---|---|
| 22 Cal/fl oz formula† |  1 part SSC 20 + 1 part SSC 24 |

† **EXAMPLE:** To make 1 fl oz (approximately 30 mL) of 22-Cal formula, mix approximately 15 mL of SSC 20 and 15 mL of SSC 24. For convenience, use a Volu-Feed® bottle.

Measure liquid formulas by volume when mixing, as bottle fill weights can vary

**Similac Special Care 20 (SSC 20) + Similac Special Care 24 High Protein (SSC 24 HP)**

| To Prepare: | Mix the Following: |
|---|---|
| 22 Cal/fl oz formula‡ |  1 part SSC 20 + 1 part SSC 24 HP |

‡ **EXAMPLE:** To make 1 fl oz (approximately 30 mL) of 22-Cal formula, mix approximately 15 mL of SSC 20 and 15 mL of SSC 24 HP. For convenience, use a Volu-Feed bottle.

## Recipes for various formula concentrations using the Liqui-Mix® System

(See pages 88-92 for nutrient information)

Measure liquid formulas by volume when mixing, as bottle fill weights can vary

**Similac Special Care 20 (SSC 20) + Similac Special Care 30 (SSC 30)**

| To Prepare: | Mix the Following: |
|---|---|
| 23 Cal/fl oz formula |  2 parts SSC 20 + 1 part SSC 30 |
| 25 Cal/fl oz formula |  1 part SSC 20 + 1 part SSC 30 |
| 27 Cal/fl oz formula* |  1 part SSC 20 + 2 parts SSC 30 |

* **EXAMPLE:** To make 1 fl oz (approximately 30 mL) of 27-Cal formula, mix approximately 10 mL of SSC 20 and 20 mL of SSC 30. For convenience, use a Volu-Feed® bottle.

Measure liquid formulas by volume when mixing, as bottle fill weights can vary

**Similac Special Care 24 (SSC 24) + Similac Special Care 30 (SSC 30)**

| To Prepare: | Mix the Following: |
|---|---|
| 26 Cal/fl oz formula |  2 parts SSC 24 + 1 part SSC 30 |
| 27 Cal/fl oz formula |  1 part SSC 24 + 1 part SSC 30 |
| 28 Cal/fl oz formula† |  1 part SSC 24 + 2 parts SSC 30 |

† **EXAMPLE:** To make 1 fl oz (approximately 30 mL) of 28-Cal formula, mix approximately 10 mL of SSC 24 and 20 mL of SSC 30. For convenience, use a Volu-Feed bottle.

## Recipes for various formula concentrations using the Liqui-Mix® System

(See pages 88-92 for nutrient information)

Measure liquid formulas by volume when mixing, as bottle fill weights can vary

**Similac Special Care 24 High Protein (SSC 24 HP) + Similac Special Care 30 (SSC 30)**

| To Prepare: | Mix the Following: |
|---|---|
| 26 Cal/fl oz formula |  2 parts SSC 24 HP + 1 part SSC 30 |
| 27 Cal/fl oz formula |  1 part SSC 24 HP + 1 part SSC 30 |
| 28 Cal/fl oz formula‡ |  1 part SSC 24 HP + 2 parts SSC 30 |

‡ **EXAMPLE:** To make 1 fl oz (approximately 30 mL) of 28-Cal formula, mix approximately 10 mL of SSC 24 HP and 20 mL of SSC 30. For convenience, use a Volu-Feed bottle.

# Liqui-Mix® System

## Similac® Special Care® 20 + Similac® Special Care® 24

| Nutrients | Per 100 Cal | | | Per 100 mL | | |
|---|---|---|---|---|---|---|
| | Similac Special Care 20 (SSC 20) | 1 part SSC 20 + 1 part SSC 24 | Similac Special Care 24 (SSC 24) | Similac Special Care 20 (SSC 20) | 1 part SSC 20 + 1 part SSC 24 | Similac Special Care 24 (SSC 24) |
| **Cal/fl oz** | **20** | **22** | **24** | **20** | **22** | **24** |
| **Energy,** Cal | 100 | 100 | 100 | 68 | 74 | 81 |
| **Volume,** mL | 148 | 134 | 124 | 100 | 100 | 100 |
| **Protein,** g | 3.00 | 3.00 | 3.00 | 2.03 | 2.23 | 2.43 |
| **Fat,** g | 5.43 | 5.43 | 5.43 | 3.67 | 4.04 | 4.41 |
| Linoleic Acid, mg | 700 | 700 | 700 | 473 | 521 | 568 |
| **Carbohydrate,** g | 10.3 | 10.3 | 10.3 | 7 | 7.7 | 8.4 |
| **Vitamins** | | | | | | |
| Vitamin A, IU | 1250 | 1250 | 1250 | 845 | 930 | 1014 |
| Vitamin D, IU | 150 | 150 | 150 | 101 | 112 | 122 |
| Vitamin E, IU | 4.0 | 4.0 | 4.0 | 2.7 | 3.0 | 3.3 |
| Vitamin K, mcg | 12 | 12 | 12 | 8.1 | 9 | 9.7 |
| Thiamin $B_1$, mcg | 250 | 250 | 250 | 169 | 186 | 203 |
| Riboflavin $B_2$, mcg | 620 | 620 | 620 | 419 | 461 | 503 |
| Vitamin $B_6$, mcg | 250 | 250 | 250 | 169 | 186 | 203 |
| Vitamin $B_{12}$, mcg | 0.55 | 0.55 | 0.55 | 0.37 | 0.41 | 0.45 |
| Niacin, mcg | 5000 | 5000 | 5000 | 3382 | 3720 | 4058 |
| Folic Acid, mcg | 37 | 37 | 37 | 25 | 28 | 30 |
| Pantothenic Acid, mcg | 1900 | 1900 | 1900 | 1285 | 1413 | 1542 |
| Biotin, mcg | 37 | 37 | 37 | 25.0 | 27.5 | 30.0 |
| Vitamin C, mg | 37 | 37 | 37 | 25 | 28 | 30 |
| Choline, mg | 10 | 10 | 10 | 7 | 7 | 8 |
| Inositol, mg | 40 | 40 | 40 | 27 | 30 | 33 |
| **Minerals** | | | | | | |
| Calcium, mg | 180 | 180 | 180 | 122 | 134 | 146 |
| Phosphorus, mg | 100 | 100 | 100 | 68 | 74 | 81 |
| Magnesium, mg | 12.0 | 12.0 | 12.0 | 8.1 | 8.9 | 9.7 |
| Iron, mg | 1.8 | 1.8 | 1.8 | 1.2 | 1.3 | 1.5 |
| Zinc, mg | 1.50 | 1.50 | 1.50 | 1.01 | 1.12 | 1.22 |
| Manganese, mcg | 12 | 12 | 12 | 8 | 9 | 10 |
| Copper, mcg | 250 | 250 | 250 | 169 | 186 | 203 |
| Iodine, mcg | 6 | 6 | 6 | 4 | 4 | 5 |
| Selenium, mcg | 2 | 2 | 2 | 1.4 | 1.5 | 1.6 |
| Sodium, mg (mEq) | 43 (1.9) | 43 (1.9) | 43 (1.9) | 29 (1.26) | 32 (1.39) | 35 (1.52) |
| Potassium, mg (mEq) | 129 (3.3) | 129 (3.3) | 129 (3.3) | 87 (2.23) | 96 (2.45) | 105 (2.68) |
| Chloride, mg (mEq) | 81 (2.3) | 81 (2.3) | 81 (2.3) | 55 (1.55) | 60 (1.70) | 66 (1.86) |
| **Other Characteristics** | | | | | | |
| PRSL, mOsm | 27.8 | 27.8 | 27.8 | 18.8 | 20.7 | 22.6 |
| Water, g | 133 | 121 | 109 | 89.9 | 89.2 | 88.5 |
| Approx Osmolality, mOsm/kg water | 235 | 258 | 280 | 235 | 258 | 280 |


# Liqui-Mix® System

## Similac Special Care 20 + Similac Special Care 24 High Protein (3.3 g per 100 Cal)

| Nutrients | Per 100 Cal | | | Per 100 mL | | |
|---|---|---|---|---|---|---|
| | Similac Special Care 20 (SSC 20) | 1 part SSC 20 + 1 part SSC 24 HP | Similac Special Care 24 High Protein (SSC 24 HP) | Similac Special Care 20 (SSC 20) | 1 part SSC 20 + 1 part SSC 24 HP | Similac Special Care 24 High Protein (SSC 24 HP) |
| **Cal/fl oz** | **20** | **22** | **24** | **20** | **22** | **24** |
| **Energy,** Cal | 100 | 100 | 100 | 68 | 74 | 81 |
| **Volume,** mL | 148 | 134 | 124 | 100 | 100 | 100 |
| **Protein**, g | 3.0 | 3.16 | 3.3 | 2.03 | 2.35 | 2.68 |
| **Fat,** g | 5.43 | 5.43 | 5.43 | 3.67 | 4.04 | 4.4 |
| Linoleic Acid, mg | 700 | 700 | 700 | 473 | 521 | 568 |
| **Carbohydrate,** g | 10.3 | 10.15 | 10.0 | 7 | 7.5 | 8.1 |
| **Vitamins** | | | | | | |
| Vitamin A, IU | 1250 | 1250 | 1250 | 845 | 930 | 1014 |
| Vitamin D, IU | 150 | 150 | 150 | 101 | 112 | 122 |
| Vitamin E, IU | 4.0 | 4.0 | 4.0 | 2.7 | 3.0 | 3.3 |
| Vitamin K, mcg | 12 | 12 | 12 | 8.1 | 9 | 9.7 |
| Thiamin $B_1$, mcg | 250 | 250 | 250 | 169 | 186 | 203 |
| Riboflavin $B_2$, mcg | 620 | 620 | 620 | 419 | 461 | 503 |
| Vitamin $B_6$, mcg | 250 | 250 | 250 | 169 | 186 | 203 |
| Vitamin $B_{12}$, mcg | 0.55 | 0.55 | 0.55 | 0.37 | 0.41 | 0.45 |
| Niacin, mcg | 5000 | 5000 | 5000 | 3382 | 3720 | 4058 |
| Folic Acid, mcg | 37 | 37 | 37 | 25 | 28 | 30 |
| Pantothenic Acid, mcg | 1900 | 1900 | 1900 | 1285 | 1413 | 1542 |
| Biotin, mcg | 37 | 37 | 37 | 25.0 | 27.5 | 30.0 |
| Vitamin C, mg | 37 | 37 | 37 | 25 | 28 | 30 |
| Choline, mg | 10 | 10 | 10 | 7 | 7 | 8 |
| Inositol, mg | 40 | 40 | 40 | 27 | 30 | 33 |
| **Minerals** | | | | | | |
| Calcium, mg | 180 | 180 | 180 | 122 | 134 | 146 |
| Phosphorus, mg | 100 | 100 | 100 | 68 | 74 | 81 |
| Magnesium, mg | 12.0 | 12.0 | 12.0 | 8.1 | 8.9 | 9.7 |
| Iron, mg | 1.8 | 1.8 | 1.8 | 1.2 | 1.3 | 1.5 |
| Zinc, mg | 1.50 | 1.50 | 1.50 | 1.01 | 1.12 | 1.22 |
| Manganese, mcg | 12 | 12 | 12 | 8 | 9 | 9.7 |
| Copper, mcg | 250 | 250 | 250 | 169 | 186 | 203 |
| Iodine, mcg | 6 | 6 | 6 | 4 | 4 | 5 |
| Selenium, mcg | 2 | 2 | 2 | 1.4 | 1.5 | 1.6 |
| Sodium, mg (mEq) | 43 (1.9) | 43 (1.9) | 43 (1.9) | 29 (1.26) | 32 (1.39) | 35 (1.52) |
| Potassium, mg (mEq) | 129 (3.3) | 129 (3.3) | 129 (3.3) | 87 (2.23) | 96 (2.45) | 105 (2.68) |
| Chloride, mg (mEq) | 81 (2.3) | 81 (2.3) | 81 (2.3) | 55 (1.55) | 60 (1.70) | 66 (1.86) |
| **Other Characteristics** | | | | | | |
| PRSL, mOsm | 27.8 | 28.8 | 29.5 | 18.8 | 21.4 | 24.0 |
| Water, g | 133 | 121 | 109 | 89.9 | 89.2 | 88.5 |
| Approx Osmolality, mOsm/kg water | 235 | 258 | 280 | 235 | 258 | 280 |

# Liqui-Mix® System

## Similac® Special Care® 20 + Similac® Special Care® 30

| Nutrients | Per 100 Cal | | | | | Per 100 mL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Similac Special Care 20 (SSC 20) | 2 parts SSC 20 + 1 part SSC 30 | 1 part SSC 20 + 1 part SSC 30 | 1 part SSC 20 + 2 parts SSC 30 | Similac Special Care 30 (SSC 30) | Similac Special Care 20 (SSC 20) | 2 parts SSC 20 + 1 part SSC 30 | 1 part SSC 20 + 1 part SSC 30 | 1 part SSC 20 + 2 parts SSC 30 | Similac Special Care 30 (SSC 30) |
| **Cal/fl oz** | **20** | **23** | **25** | **27** | **30** | **20** | **23** | **25** | **27** | **30** |
| **Energy,** Cal | 100 | 100 | 100 | 100 | 100 | 68 | 79 | 85 | 90 | 101 |
| **Volume,** mL | 148 | 127 | 118 | 111 | 99 | 100 | 100 | 100 | 100 | 100 |
| **Protein**, g | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.03 | 2.37 | 2.54 | 2.71 | 3.04 |
| **Fat,** g | 5.43 | 5.94 | 6.14 | 6.32 | 6.61 | 3.67 | 4.68 | 5.19 | 5.69 | 6.71 |
| Linoleic Acid, mg | 700 | 700 | 700 | 700 | 700 | 473 | 552 | 592 | 631 | 710 |
| **Carbohydrate,** g | 10.3 | 9.2 | 8.8 | 8.4 | 7.73 | 7 | 7.3 | 7.4 | 7.5 | 7.8 |
| **Vitamins** | | | | | | | | | | |
| Vitamin A, IU | 1250 | 1250 | 1250 | 1250 | 1250 | 845 | 986 | 1057 | 1127 | 1268 |
| Vitamin D, IU | 150 | 150 | 150 | 150 | 150 | 101 | 118 | 127 | 135 | 152 |
| Vitamin E, IU | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.7 | 3.2 | 3.4 | 3.6 | 4.1 |
| Vitamin K, mcg | 12 | 12 | 12 | 12 | 12 | 8.1 | 9 | 10 | 11 | 12.2 |
| Thiamin $B_1$, mcg | 250 | 250 | 250 | 250 | 250 | 169 | 197 | 211 | 225 | 254 |
| Riboflavin $B_2$, mcg | 620 | 620 | 620 | 620 | 620 | 419 | 489 | 524 | 559 | 629 |
| Vitamin $B_6$, mcg | 250 | 250 | 250 | 250 | 250 | 169 | 197 | 211 | 225 | 254 |
| Vitamin $B_{12}$, mcg | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.37 | 0.43 | 0.46 | 0.50 | 0.56 |
| Niacin, mcg | 5000 | 5000 | 5000 | 5000 | 5000 | 3382 | 3945 | 4227 | 4509 | 5072 |
| Folic Acid, mcg | 37 | 37 | 37 | 37 | 37 | 25 | 29 | 31 | 33 | 37.5 |
| Pantothenic Acid, mcg | 1900 | 1900 | 1900 | 1900 | 1900 | 1285 | 1499 | 1606 | 1713 | 1927 |
| Biotin, mcg | 37 | 37 | 37 | 37 | 37 | 25.0 | 29.2 | 31.3 | 33.4 | 37.5 |
| Vitamin C, mg | 37 | 37 | 37 | 37 | 37 | 25 | 29 | 31 | 33 | 38 |
| Choline, mg | 10 | 10 | 10 | 10 | 10 | 7 | 8 | 8 | 9 | 10 |
| Inositol, mg | 40 | 40 | 40 | 40 | 40 | 27 | 32 | 34 | 36 | 41 |
| **Minerals** | | | | | | | | | | |
| Calcium, mg | 180 | 180 | 180 | 180 | 180 | 122 | 142 | 152 | 162 | 183 |
| Phosphorus, mg | 100 | 100 | 100 | 100 | 100 | 68 | 79 | 85 | 90 | 101 |
| Magnesium, mg | 12 | 12 | 12 | 12 | 12 | 8.1 | 9.5 | 10.1 | 10.8 | 12.2 |
| Iron, mg | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.2 | 1.4 | 1.5 | 1.6 | 1.83 |
| Zinc, mg | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.01 | 1.18 | 1.27 | 1.35 | 1.52 |
| Manganese, mcg | 12 | 12 | 12 | 12 | 12 | 8 | 9 | 10 | 11 | 12 |
| Copper, mcg | 250 | 250 | 250 | 250 | 250 | 169 | 197 | 211 | 225 | 254 |
| Iodine, mcg | 6 | 6 | 6 | 6 | 6 | 4 | 5 | 5 | 5 | 6 |
| Selenium, mcg | 2 | 2 | 2 | 2 | 2 | 1.4 | 1.6 | 1.7 | 1.8 | 2 |
| Sodium, mg (mEq) | 43 (1.9) | 43 (1.9) | 43 (1.9) | 43 (1.9) | 43 (1.9) | 29 (1.26) | 34 (1.48) | 36 (1.58) | 39 (1.69) | 44 (1.90) |
| Potassium, mg (mEq) | 129 (3.3) | 129 (3.3) | 129 (3.3) | 129 (3.3) | 129 (3.3) | 87 (2.23) | 102 (2.60) | 109 (2.79) | 116 (2.97) | 131 (3.35) |
| Chloride, mg (mEq) | 81 (2.3) | 81 (2.3) | 81 (2.3) | 81 (2.3) | 81 (2.3) | 55 (1.55) | 64 (1.81) | 68 (1.93) | 73 (2.06) | 82 (2.32) |
| **Other Characteristics** | | | | | | | | | | |
| PRSL, mOsm | 27.8 | 27.8 | 27.8 | 27.8 | 27.8 | 18.8 | 22.0 | 23.5 | 25.1 | 28.2 |
| Water, g | 133 | 112 | 104 | 96 | 84 | 89.9 | 88.3 | 87.6 | 86.8 | 85.2 |
| Approx Osmolality, mOsm/kg water | 235 | 265 | 280 | 295 | 325 | 235 | 265 | 280 | 295 | 325 |

# Liqui-Mix® System

## Similac Special Care 24 + Similac Special Care 30

| Nutrients | Per 100 Cal | | | | | Per 100 mL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Similac Special Care 24 (SSC 24) | 2 parts SSC 24 + 1 part SSC 30 | 1 part SSC 24 + 1 part SSC 30 | 1 part SSC 24 + 2 parts SSC 30 | Similac Special Care 30 (SSC 30) | Similac Special Care 24 (SSC 24) | 2 parts SSC 24 + 1 part SSC 30 | 1 part SSC 24 + 1 part SSC 30 | 1 part SSC 24 + 2 parts SSC 30 | Similac Special Care 30 (SSC 30) |
| **Cal/fl oz** | **24** | **26** | **27** | **28** | **30** | **24** | **26** | **27** | **28** | **30** |
| **Energy,** Cal | 100 | 100 | 100 | 100 | 100 | 81 | 88 | 91 | 95 | 101 |
| **Volume,** mL | 123 | 114 | 110 | 106 | 99 | 100 | 100 | 100 | 100 | 100 |
| **Protein,** g | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.43 | 2.64 | 2.74 | 2.84 | 3.04 |
| **Fat,** g | 5.43 | 5.88 | 6.09 | 6.27 | 6.61 | 4.41 | 5.17 | 5.56 | 5.94 | 6.71 |
| Linoleic Acid, mg | 700 | 700 | 700 | 700 | 700 | 568 | 615 | 639 | 663 | 710 |
| **Carbohydrate,** g | 10.3 | 9.3 | 8.9 | 8.5 | 7.73 | 8.4 | 8.2 | 8.1 | 8.0 | 7.8 |
| **Vitamins** | | | | | | | | | | |
| Vitamin A, IU | 1250 | 1250 | 1250 | 1250 | 1250 | 1014 | 1099 | 1141 | 1184 | 1268 |
| Vitamin D, IU | 150 | 150 | 150 | 150 | 150 | 122 | 132 | 137 | 142 | 152 |
| Vitamin E, IU | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.2 | 3.5 | 3.7 | 3.8 | 4.1 |
| Vitamin K, mcg | 12 | 12 | 12 | 12 | 12 | 9.7 | 10.6 | 11.0 | 11.4 | 12.2 |
| Thiamin $B_1$, mcg | 250 | 250 | 250 | 250 | 250 | 203 | 220 | 228 | 237 | 254 |
| Riboflavin $B_2$, mcg | 620 | 620 | 620 | 620 | 620 | 503 | 545 | 566 | 587 | 629 |
| Vitamin $B_6$, mcg | 250 | 250 | 250 | 250 | 250 | 203 | 220 | 228 | 237 | 254 |
| Vitamin $B_{12}$, mcg | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.45 | 0.48 | 0.50 | 0.52 | 0.56 |
| Niacin, mcg | 5000 | 5000 | 5000 | 5000 | 5000 | 4058 | 4396 | 4565 | 4734 | 5072 |
| Folic Acid, mcg | 37 | 37 | 37 | 37 | 37 | 30 | 32.5 | 33.8 | 35 | 37.5 |
| Pantothenic Acid, mcg | 1900 | 1900 | 1900 | 1900 | 1900 | 1542 | 1670 | 1735 | 1799 | 1927 |
| Biotin, mcg | 37 | 37 | 37 | 37 | 37 | 30 | 32.5 | 33.8 | 35 | 37.5 |
| Vitamin C, mg | 37 | 37 | 37 | 37 | 37 | 30 | 33 | 34 | 35 | 38 |
| Choline, mg | 10 | 10 | 10 | 10 | 10 | 8.0 | 9.0 | 9.0 | 9.0 | 10 |
| Inositol, mg | 40 | 40 | 40 | 40 | 40 | 32 | 35 | 37 | 38 | 41 |
| **Minerals** | | | | | | | | | | |
| Calcium, mg | 180 | 180 | 180 | 180 | 180 | 146 | 158 | 164 | 170 | 183 |
| Phosphorus, mg | 100 | 100 | 100 | 100 | 100 | 81 | 88 | 91 | 95 | 101 |
| Magnesium, mg | 12 | 12 | 12 | 12 | 12 | 9.7 | 10.6 | 11.0 | 11.4 | 12.2 |
| Iron, mg | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.46 | 1.58 | 1.64 | 1.70 | 1.83 |
| Zinc, mg | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.22 | 1.32 | 1.37 | 1.42 | 1.52 |
| Manganese, mcg | 12 | 12 | 12 | 12 | 12 | 10 | 11 | 11 | 11 | 12 |
| Copper, mcg | 250 | 250 | 250 | 250 | 250 | 203 | 220 | 228 | 237 | 254 |
| Iodine, mcg | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.0 | 5.0 | 5.0 | 6.0 | 6.0 |
| Selenium, mcg | 2 | 2 | 2 | 2 | 2 | 1.6 | 1.7 | 1.8 | 1.9 | 2 |
| Sodium, mg (mEq) | 43 (1.9) | 43 (1.9) | 43 (1.9) | 43 (1.9) | 43 (1.9) | 35 (1.5) | 38 (1.6) | 39 (1.7) | 41 (1.8) | 44 (1.9) |
| Potassium, mg (mEq) | 129 (3.3) | 129 (3.3) | 129 (3.3) | 129 (3.3) | 129 (3.3) | 105 (2.7) | 113 (2.9) | 118 (3.0) | 122 (3.1) | 131 (3.4) |
| Chloride, mg (mEq) | 81 (2.3) | 81 (2.3) | 81 (2.3) | 81 (2.3) | 81 (2.3) | 66 (1.9) | 71 (2.0) | 74 (2.1) | 77 (2.2) | 82 (2.3) |
| **Other Characteristics** | | | | | | | | | | |
| PRSL, mOsm | 27.8 | 27.8 | 27.8 | 27.8 | 27.8 | 22.6 | 24.5 | 25.4 | 26.3 | 28.2 |
| Water, g | 109 | 100.7 | 96.5 | 92.3 | 84 | 88.5 | 87.4 | 86.9 | 86.3 | 85.2 |
| Approx Osmolality, mOsm/kg water | 280 | 295 | 305 | 310 | 325 | 280 | 295 | 305 | 310 | 325 |

# Liqui-Mix® System

## Similac® Special Care® 24 High Protein (3.3 g per 100 Cal) + Similac® Special Care® 30

| Nutrients | Per 100 Cal | | | | | Per 100 mL | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Similac Special Care 24 HP (SSC 24 HP)  | 2 parts SSC 24 HP + 1 part SSC 30  | 1 part SSC 24 HP + 1 part SSC 30  | 1 part SSC 24 HP + 2 parts SSC 30  | Similac Special Care 30 (SSC 30)  | Similac Special Care 24 HP (SSC 24 HP)  | 2 parts SSC 24 HP + 1 part SSC 30  | 1 part SSC 24 HP + 1 part SSC 30  | 1 part SSC 24 HP + 2 parts SSC 30  | Similac Special Care 30 (SSC 30)  |
| **Cal/fl oz** | **24** | **26** | **27** | **28** | **30** | **24** | **26** | **27** | **28** | **30** |
| **Energy,** Cal | 100 | 100 | 100 | 100 | 100 | 81 | 88 | 91 | 95 | 101 |
| **Volume,** mL | 123 | 114 | 110 | 106 | 99 | 100 | 100 | 100 | 100 | 100 |
| **Protein**, g | 3.30 | 3.18 | 3.13 | 3.09 | 3.0 | 2.68 | 2.80 | 2.86 | 2.92 | 3.04 |
| **Fat,** g | 5.43 | 5.88 | 6.09 | 6.27 | 6.61 | 4.41 | 5.17 | 5.56 | 5.94 | 6.71 |
| Linoleic Acid, mg | 700 | 700 | 700 | 700 | 700 | 568 | 615 | 639 | 663 | 710 |
| **Carbohydrate,** g | 10.0 | 9.1 | 8.7 | 8.4 | 7.73 | 8.1 | 8.0 | 8.0 | 7.9 | 7.8 |
| **Vitamins** | | | | | | | | | | |
| Vitamin A, IU | 1250 | 1250 | 1250 | 1250 | 1250 | 1014 | 1099 | 1141 | 1184 | 1268 |
| Vitamin D, IU | 150 | 150 | 150 | 150 | 150 | 122 | 132 | 137 | 142 | 152 |
| Vitamin E, IU | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.2 | 3.5 | 3.7 | 3.8 | 4.1 |
| Vitamin K, mcg | 12 | 12 | 12 | 12 | 12 | 9.7 | 10.6 | 11.0 | 11.4 | 12.2 |
| Thiamin $B_1$, mcg | 250 | 250 | 250 | 250 | 250 | 203 | 220 | 228 | 237 | 254 |
| Riboflavin $B_2$, mcg | 620 | 620 | 620 | 620 | 620 | 503 | 545 | 566 | 587 | 629 |
| Vitamin $B_6$, mcg | 250 | 250 | 250 | 250 | 250 | 203 | 220 | 228 | 237 | 254 |
| Vitamin $B_{12}$, mcg | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.45 | 0.48 | 0.50 | 0.52 | 0.56 |
| Niacin, mcg | 5000 | 5000 | 5000 | 5000 | 5000 | 4058 | 4396 | 4565 | 4734 | 5072 |
| Folic Acid, mcg | 37 | 37 | 37 | 37 | 37 | 30 | 32.5 | 33.8 | 35 | 37.5 |
| Pantothenic Acid, mcg | 1900 | 1900 | 1900 | 1900 | 1900 | 1542 | 1670 | 1735 | 1799 | 1927 |
| Biotin, mcg | 37 | 37 | 37 | 37 | 37 | 30 | 32.5 | 33.8 | 35 | 37.5 |
| Vitamin C, mg | 37 | 37 | 37 | 37 | 37 | 30 | 33 | 34 | 35 | 38 |
| Choline, mg | 10 | 10 | 10 | 10 | 10 | 8.0 | 9.0 | 9.0 | 9.0 | 10 |
| Inositol, mg | 40 | 40 | 40 | 40 | 40 | 32 | 35 | 37 | 38 | 41 |
| **Minerals** | | | | | | | | | | |
| Calcium, mg | 180 | 180 | 180 | 180 | 180 | 146 | 158 | 164 | 170 | 183 |
| Phosphorus, mg | 100 | 100 | 100 | 100 | 100 | 81 | 88 | 91 | 95 | 101 |
| Magnesium, mg | 12 | 12 | 12 | 12 | 12 | 9.7 | 10.6 | 11.0 | 11.4 | 12.2 |
| Iron, mg | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.46 | 1.58 | 1.64 | 1.70 | 1.83 |
| Zinc, mg | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.22 | 1.32 | 1.37 | 1.42 | 1.52 |
| Manganese, mcg | 12 | 12 | 12 | 12 | 12 | 10 | 11 | 11 | 11 | 12 |
| Copper, mcg | 250 | 250 | 250 | 250 | 250 | 203 | 220 | 228 | 237 | 254 |
| Iodine, mcg | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.0 | 5.0 | 5.0 | 6.0 | 6.0 |
| Selenium, mcg | 2 | 2 | 2 | 2 | 2 | 1.6 | 1.7 | 1.8 | 1.9 | 2 |
| Sodium, mg (mEq) | 43 (1.9) | 43 (1.9) | 43 (1.9) | 43 (1.9) | 43 (1.9) | 35 (1.5) | 38 (1.6) | 39 (1.7) | 41 (1.8) | 44 (1.9) |
| Potassium, mg (mEq) | 129 (3.3) | 129 (3.3) | 129 (3.3) | 129 (3.3) | 129 (3.3) | 105 (2.7) | 113 (2.9) | 118 (3.0) | 122 (3.1) | 131 (3.4) |
| Chloride, mg (mEq) | 81 (2.3) | 81 (2.3) | 81 (2.3) | 81 (2.3) | 81 (2.3) | 66 (1.9) | 71 (2.0) | 74 (2.1) | 77 (2.2) | 82 (2.3) |
| **Other Characteristics** | | | | | | | | | | |
| PRSL, mOsm | 29.5 | 28.9 | 28.6 | 28.3 | 27.8 | 24.0 | 25.4 | 26.1 | 26.8 | 28.2 |
| Water, g | 109 | 100.7 | 96.5 | 92.3 | 84 | 88.5 | 87.4 | 86.9 | 86.3 | 85.2 |
| Approx Osmolality, mOsm/kg water | 280 | 295 | 305 | 310 | 325 | 280 | 295 | 305 | 310 | 325 |

# Similac® NeoSure®

Infant Formula With Iron

WIC®-eligible in nearly all 50 states*


## Description/Indications

A **22 Cal/fl oz**, nutrient-enriched† formula for babies who were born prematurely. Designed to be used as a preterm post-discharge formula.

## Features

- OptiGRO™ is our exclusive blend of DHA, Lutein, and Vitamin E; these important ingredients are found in breast milk
  - DHA for brain and eye development
  - Lutein to support eye health
  - Vitamin E, an important nutrient found in breast milk to support developing cells
- Supports excellent catch-up growth during the first year[1]
  - Increased protein, vitamins, and minerals compared to term infant formula
  - Increased calories for growth
  - Calcium and phosphorus for baby's growing bones
- Supports better gains in weight, length, and head circumference when compared to term infant formula[1]
- Preterm infants fed Similac NeoSure through the first year of life showed significantly increased lean body mass and less fat mass at 12 months corrected age[2‡]
- Improved visual acuity at 6 months corrected age[3‡§]
- Improved early language development at 14 months corrected age[3‡‖]
- Lutein, a carotenoid naturally found in colostrum and human milk, has been shown to help support eye development of the preterm infant[4-7]
- 25% of the fat blend as medium-chain triglycerides, an easily digested and well-absorbed fat source
- Gluten-free
- Kosher, Halal


1. Carver JD, et al. *Pediatrics* 2001;107:683-689.
2. Groh-Wargo S, et al. *Pediatr Res* 2005;57:712-718.
3. O'Connor DL, et al. *Pediatrics* 2001;108:359-371.
4. Canfield LM, et al. *Eur J Nutr* 2003;42:133-141.
5. Schweigert FJ, et al. *Eur J Nutr* 2004;43:39-44.
6. Patton S, et al. *Lipids* 1990;25:159-165.
7. Rubin LP, et al. *J Perinatol* 2011; 32(6):418-424.


* Excludes Arkansas. WIC is a service mark of the US Department of Agriculture, and an abbreviation for the Special Supplemental Nutrition Program for Women, Infants, and Children. No endorsement of any brand or product by the USDA is implied or intended.

† Increased protein, vitamins, and minerals compared to term infant formula.

‡ Compared to infants fed a formula without DHA and ARA in a clinical trial with Similac® Special Care® and Similac NeoSure infant formulas with iron; prior to the addition of Lutein.

§ Visual acuity measured at 4 and 6 months corrected age and assessed by VEP (visual evoked potential).

‖ Based on a post-hoc analysis of English-speaking singleton premature infants using the MacArthur Communicative Developmental Inventories.

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| **Custom Hospital Feeding System** | | |
| **Ready to Feed:** (22 Cal/fl oz) | | |
| 2 fl oz | plastic bottle; 48/case | 56177 |

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Ready to Feed:** (22 Cal/fl oz) | | |
| 2 fl oz | plastic botttle; 8 btl/ctn; 6 ctn/case; 48 btl/case | 59645 |
| 1 qt | plastic bottle; 6/case | 57455 |
| **Powder:** (with measuring scoop) | | |
| 13.1 oz (371 g); yields 87 fl oz¶ | container; 6/case | 57430 |

¶ At standard density of 22 Cal/fl oz.

## Ingredients

**Ready To Feed:** Water, Nonfat Milk, Corn Syrup Solids, Soy Oil, Lactose, Coconut Oil, Whey Protein Concentrate, Medium Chain Triglycerides. **Less than 0.5% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Potassium Citrate, Calcium Carbonate, Soy Lecithin, Monoglycerides, m-Inositol, Ascorbic Acid, Magnesium Chloride, Calcium Phosphate, Carrageenan, Taurine, Choline Chloride, Ferrous Sulfate, Choline Bitartrate, L-Carnitine, Potassium Chloride, d-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Potassium Phosphate, Calcium Pantothenate, Salt, Cupric Sulfate, Vitamin A Palmitate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin, Potassium Hydroxide and Nucleotides (Adenosine 5'-Monophosphate, Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate). **Contains milk and soy ingredients.**

## NUTRITION INFORMATION

| | 100 Cal | 1000 mL |
|---|---|---|
| **Energy,** Cal | 100 | 744 |
| **Volume,** mL | 134 | 1000 |
| **Protein,** g | 2.8 | 20.83 |
| % Total Cal | 11 | 11 |
| Source | Nonfat milk, whey protein concentrate | |
| **Fat,** g | 5.50 | 40.92 |
| % Total Cal | 49 | 49 |
| Source | Soy oil, coconut oil, medium chain triglycerides (0.25% DHA, 0.40% ARA) | |
| Oil Ratio[#] | 45:29:25 | 45:29:25 |
| Linoleic Acid, mg | 750 | 5579 |
| **Carbohydrate,** g | 10.1 | 75.1 |
| % Total Cal | 40 | 40 |
| Source | Corn syrup solids, lactose | |
| Ratio | 50:50 | 50:50 |
| **Vitamins** | | |
| Vitamin A, IU | 350 | 2604 |
| Vitamin D, IU | 70 | 521 |
| Vitamin E, IU | 3.6 | 26.8 |
| Vitamin K, mcg | 11 | 81.8 |
| Thiamin (Vit $B_1$), mcg | 175 | 1302 |
| Riboflavin (Vit $B_2$), mcg | 150 | 1116 |
| Vitamin $B_6$, mcg | 100 | 744 |
| Vitamin $B_{12}$, mcg | 0.40 | 2.98 |
| Niacin, mcg | 1950 | 14,506 |
| Folic Acid, mcg | 25 | 186 |
| Pantothenic Acid, mcg | 800 | 5951 |

| | 100 Cal | 1000 mL |
|---|---|---|
| Biotin, mcg | 9 | 67 |
| Vitamin C, mg | 15 | 112 |
| Choline, mg | 16 | 119 |
| Inositol, mg | 35 | 260.0 |
| **Minerals** | | |
| Calcium, mg | 105 | 781 |
| Calcium, mEq | 5.2 | 39.0 |
| Phosphorus, mg | 62 | 461 |
| Magnesium, mg | 9 | 67 |
| Iron, mg | 1.8 | 13.4 |
| Zinc, mg | 1.2 | 8.9 |
| Manganese, mcg | 10 | 74 |
| Copper, mcg | 120 | 893 |
| Iodine, mcg | 15 | 112 |
| Selenium, mcg | 2.3 | 17.1 |
| Sodium, mg | 33 | 245 |
| Sodium, mEq | 1.4 | 10.7 |
| Potassium, mg | 142 | 1056 |
| Potassium, mEq | 3.6 | 27.0 |
| Chloride, mg | 75 | 558 |
| Chloride, mEq | 2.1 | 15.7 |
| **Other Characteristics** | | |
| PRSL, mOsm | 25.2 | 187.4 |
| Water, g | 120 | 893 |
| Approx Osmolality, mOsm/kg $H_2O$ | 250 | 250 |

[#] Represents 2-fl-oz bottle.
C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

# Human Milk Fortification

**Abbott Nutrition supports breastfeeding and promotes human milk as the optimal form of infant nutrition by:**

- Promoting breastfeeding education and support programs for mothers of all cultures and their families, and healthcare professionals
- Working with legislators and policy-makers on ways to increase breastfeeding rates in the Special Supplemental Nutrition Program for Women, Infants, and Children (WIC)
- Supporting appropriate workplace and other breastfeeding legislation
- Building workplace lactation program models and promoting them to the business community
- Producing premier infant feeding products to provide a safe, nutritious alternative when human milk is supplemented, not available, or not chosen

# Nutrient Composition of Preterm Human Milk

| Preterm Human Milk* | | | | | |
|---|---|---|---|---|---|
| | 100 Cal | 1000 mL | | 100 Cal | 1000 mL |
| **Energy,** Cal | 100 | 671 | Vitamin C, mg | 16 | 107 |
| **Volume,** mL | 149 | 1000 | Choline, mg | 14 | 94 |
| **Protein,** g | 2.10 | 14.09 | Inositol, mg | 22.0 | 147.7 |
| % Total Cal | 8 | 8 | **Minerals** | | |
| Source | Preterm Human Milk | Preterm Human Milk | Calcium, mg | 37 | 248 |
| **Fat,** g | 5.80 | 38.93 | Calcium, mEq | 1.9 | 12.4 |
| % Total Cal | 52 | 52 | Phosphorus, mg | 19 | 128 |
| Source | Preterm Human Milk | Preterm Human Milk | Magnesium, mg | 4.6 | 30.9 |
| Linoleic Acid, mg | 550 | 3691 | Iron, mg | 0.18 | 1.21 |
| **Carbohydrate,** g | 9.9 | 66.4 | Zinc, mg | 0.51 | 3.42 |
| % Total Cal | 40 | 40 | Manganese, mcg | 1 | 6 |
| Source | Preterm Human Milk | Preterm Human Milk | Copper, mcg | 96 | 644 |
| **Vitamins** | | | Iodine, mcg | 16 | 107 |
| Vitamin A, IU | 581 | 3899 | Selenium, mcg | 2.2 | 14.8 |
| Vitamin D, IU | 3 | 20 | Sodium, mg | 37 | 248 |
| Vitamin E, IU | 1.6 | 10.7 | Sodium, mEq | 1.6 | 10.8 |
| Vitamin K, mcg | 0.3 | 2.0 | Potassium, mg | 85 | 570 |
| Thiamin (Vit $B_1$), mcg | 31 | 208 | Potassium, mEq | 2.2 | 14.6 |
| Riboflavin (Vit $B_2$), mcg | 72 | 483 | Chloride, mg | 82 | 550 |
| Vitamin $B_6$, mcg | 22 | 148 | Chloride, mEq | 2.3 | 15.6 |
| Vitamin $B_{12}$, mcg | 0.07 | 0.47 | **Other Characteristics** | | |
| Niacin, mcg | 224 | 1503 | PRSL, mOsm | 18.7 | 125.6 |
| Folic Acid, mcg | 5 | 33 | Water, g | 131 | 879 |
| Pantothenic Acid, mcg | 269 | 1805 | Approx Osmolality, | 290 | 290 |
| Biotin, mcg | 0.6 | 4.0 | mOsm/kg $H_2O$ | | |

* Composition of preterm human milk varies with maternal diet, stage of lactation, within feedings, diurnally, and among mothers. Values for term human milk have been used for linoleic acid, biotin, choline, inositol, manganese, iodine, and selenium.[1] Values represent mature preterm milk (not colostrum or transitional milk).

1. *Meeting the Special Nutrient Needs of Low-Birth-Weight and Premature Infants in the Hospital* (A8100). Columbus, Ohio: Abbott Nutrition, Abbott Laboratories, January 1998:56.

# Human Milk Handling Guidelines†

## Expressing and transporting human milk

- Begin mechanical expression as soon as possible after giving birth, with the use of a clean, hospital-grade, electric breast pump.
- Wash hands prior to expressing or pumping milk.
- Use containers and pumping equipment that have been washed in hot, soapy water and rinsed. If available, cleaning in a dishwasher is acceptable.
- Store human milk in "food-grade" hard plastic (ie, polypropylene) containers or glass; these containers should have an airtight seal.
- Label human milk supplied to the facility with complete and accurate information, including the infant's name, medical record number, and date and time of pumping to prevent errors in human milk delivery.
- Maintain human milk transported to and from the hospital at proper temperatures (2°–6° C, 35°–42° F) to prevent loss of nutrients and to minimize bacterial growth.

## Storing human milk

- Provide dedicated freezers and refrigerators for storing human milk; store food in a separate refrigerator.
- Store milk in small portions to minimize waste. Recommend amounts according to the baby's feeding schedule.
- Maintain refrigerator temperatures at 2°–4° C (35°–40° F) and freezer temperatures at -20° C (-4° F).
- Fresh human milk can be safely stored in the refrigerator for 48 hours.
- Fortified human milk should be stored in the refrigerator and used within 24 hours.
- Frozen human milk can be safely stored in a home freezer for 3 months and in a -20° C (-4° F) freezer for 12 months.
- Use thawed human milk within 24 hours.

## Feeding expressed human milk

- Bottles, nipples, and graduated feeders should be for single use.
- Expect that the milk will separate during storage because it is not homogenized. The cream will rise to the top of the milk and look thicker and whiter.
- Before feeding, gently swirling the container of milk will mix the cream back through again. Avoid vigorously shaking the milk.
- The color of milk may vary from day to day, depending on maternal diet. It may look bluish, yellowish, or brownish. Frozen human milk may also smell different than fresh human milk.
- Use frozen human milk in the order in which it was expressed (oldest milk first).
- Thaw containers of human milk in the refrigerator (if frozen) or under warm running water. **Never** use a microwave oven or hot water to warm or thaw human milk.
- Do not add warm human milk to frozen milk because it will partially thaw the frozen milk.
- Warming is not recommended for continuous feedings. Warming time for oral or bolus feedings should be limited to no more than 15 minutes.
- Acceptable methods for warming include electric warming units and warm running water. Water level should not reach the level of the nipple ring or submerge the lid.
- Discard any feeding remaining in the bottle after 1 hour for infants being bottle fed.

†Adapted from:

Academy of Breastfeeding Medicine, Clinical Protocol 8, *Human Milk Storage*, 2010.

Lawrence RA, et al. *Breastfeeding: A Guide for the Medical Profession*, 6th ed. Philadelphia: Elsevier Mosby, 2005.

Pediatric Nutrition Practice Group, Robbins ST, Meyers R. *Infant Feedings: Guidelines for Preparation of Human Milk and Formula in Health Care Facilities,* 2nd ed. Chicago: American Dietetic Association, 2011.

# Similac® Human Milk Fortifier Hydrolyzed Protein Concentrated Liquid


## Description/Indications

Intended for premature and low-birth-weight infants as a nutritional supplement to add to human milk.

- Use under medical supervision

## Features

- Clinical study shows improved growth for your littlest babies[1]
- Extensively hydrolyzed protein for easy digestion and absorption
- Non-acidified
- DHA for brain and eye development
- Lutein to support eye development
- When added to human milk, meets expert recommendations for protein[2,3]* and other nutrients for the premature infant[2]
- Well tolerated
- Small, convenient packet is designed for easy mixing
- Commercially sterile and meets the AND and CDC recommendation to use liquid for NICU feedings[4,5] †
- Low iron level provides flexibility to add iron as needed
- Gluten-free

## Precautions

- Add only to human milk—do not add water
- This product is nutritionally incomplete by itself and is designed to be added to human breast milk
- Additional iron may be necessary
- Tolerance to enteral feedings should be confirmed by offering small volumes of unfortified human milk
- Once enteral feeding is well established, Similac Human Milk Fortifier Hydrolyzed Protein Concentrated Liquid can be added to human milk
- Not intended for feeding low-birth-weight infants after they reach a weight of 3600 g (approximately 8 lb) or as directed by a physician

## Preparation and Use

**Follow directions as specified on carton. Improper dilution may be harmful.**

1. Kim JH, et al. *J Pediatr Gastroenterol Nutr.* 2015;61:665-671.
2. Klein CJ. *J Nutr*. 2002;132:1395S-1577S.
3. Agostoni C, et al. *J Pediatr Gastroenterol Nutr*. 2010;58:85-91.
4. Centers for Disease Control and Prevention, *Enterobacter sakazakii* infections associated with the use of powdered infant formula—Tennessee, 2001. Available at http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5114a1.htm. Accessed August 26, 2016.
5. Pediatric Nutrition Practice Group, Robbins ST, Meyers R. *Infant Feedings: Guidelines for Preparation of Formula and Breastmilk in Health Care Facilities*. 2nd ed. Chicago: American Dietetic Association, 2011.

* One packet mixed with 25 mL of human milk.

† Academy of Nutrition and Dietetics and Centers for Disease Control and Prevention.

## Availability: Hospital/Institutional

| Concentrated Liquid | | List No. |
|---|---|---|
| 5-mL (0.17-fl-oz) packet | 144/case | 63010 |

## Ingredients

**Concentrated Liquid:** Water, Maltodextrin, Casein Hydrolysate. **Less than 2% of:** M. Alpina Oil, C. Cohnii Oil, Lutein, Beta-Carotene, Minerals (Calcium Phosphate, Potassium Citrate, Magnesium Chloride, Potassium Chloride, Potassium Phosphate, Salt, Zinc Sulfate, Ferrous Sulfate, Cupric Sulfate, Manganese Sulfate and Sodium Selenite), Medium Chain Triglycerides, Soy Oil, Coconut Oil, Modified Corn Starch, Vitamins (Vitamin A Palmitate, Vitamin $D_3$, d-Alpha-Tocopheryl Acetate, Phylloquinone, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Cyanocobalamin, Niacinamide, Folic Acid, Calcium Pantothenate, Biotin, Ascorbic Acid, m-Inositol and Choline Chloride), Distilled Monoglycerides, L-Tyrosine, L-Leucine, L-Tryptophan, L-Carnitine, Gellan Gum and Potassium Hydroxide. **Contains milk ingredients.**

### NUTRITION INFORMATION, CONCENTRATED LIQUID

| | Per 5 mL packet | Per 30 mL‡ | Per 100 mL | Per 100 Cal§ | | Per 5 mL packet | Per 30 mL‡ | Per 100 mL | Per 100 Cal§ |
|---|---|---|---|---|---|---|---|---|---|
| **Energy,** Cal | 7 | 24 | 79 | 100 | Vitamin C, mg | 7.7 | 10.4 | 34.6 | 43.7 |
| **Volume,** mL | 5 | 30 | 100 | 126 | Choline, mg | 0.9 | 3.3‖ | 10.8 | 13.7 |
| **Protein,** g | 0.5 | 0.85 | 2.84 | 3.58 | Inositol, mg | 1.7 | 5.4‖ | 18 | 22.7 |
| % Total Cal | - | 15 | 15 | 15 | **Minerals** | | | | |
| Source | Preterm human milk, casein hydrolysate | | | | Calcium, mg | 30 | 36 | 121 | 152 |
| **Fat,** g | 0.21 | 1.18 | 3.94 | 4.98 | Calcium, mEq | 1.5 | 1.8 | 6 | 7.6 |
| % Total Cal | - | 44 | 44 | 44 | Phosphorus, mg | 17 | 20 | 67 | 85 |
| Source | Preterm human milk, medium-chain triglycerides, soy and coconut oils | | | | Magnesium, mg | 2.1 | 2.8 | 9.6 | 12.1 |
| Linoleic Acid, mg | 18 | 110‖ | 368 | 464 | Iron, mg | 0.11 | 0.14 | 0.47 | 0.59 |
| **Carbohydrate,** g | 0.75 | 2.41 | 8.04 | 10.14 | Zinc, mg | 0.31 | 0.39 | 1.32 | 1.66 |
| % Total Cal | - | 41 | 41 | 41 | Manganese, mcg | 2.2 | 2.4‖ | 7.8 | 9.9 |
| Source | Preterm human milk, maltodextrin, modified cornstarch | | | | Copper, mcg | 15 | 31 | 104 | 131 |
| **Vitamins** | | | | | Iodine, mcg | 0.4 | 3.1‖ | 10 | 13 |
| Vitamin A, IU | 197 | 295 | 982 | 1238 | Selenium, mcg | 0.2 | 0.5‖ | 2 | 2 |
| Vitamin D, IU | 35 | 36 | 118 | 149 | Sodium, mg | 5 | 12 | 37 | 47 |
| Vitamin E, IU | 1 | 1.3 | 4.2 | 5.3 | Sodium, mEq | 0.2 | 0.5 | 1.6 | 2 |
| Vitamin K, mcg | 2.4 | 2.5 | 8.2 | 10.3 | Potassium, mg | 21 | 35 | 118 | 148 |
| Thiamin (Vit. $B_1$), mcg | 48 | 53 | 177 | 224 | Potassium, mEq | 0.5 | 0.9 | 2.9 | 3.6 |
| Riboflavin (Vit. $B_2$), mcg | 74 | 86 | 287 | 362 | Chloride, mg | 13 | 27 | 89 | 113 |
| Vitamin $B_6$, mcg | 50 | 53 | 179 | 226 | Chloride, mEq | 0.4 | 0.8 | 2.6 | 3.3 |
| Vitamin $B_{12}$, mcg | 0.13 | 0.14 | 0.47 | 0.6 | **Other Characteristics** | | | | |
| Niacin, mcg | 980 | 1010 | 3392 | 4279 | PRSL, mOsm | 5.1 | 8.4 | 25.6 | 32.2 |
| Folic Acid, mcg | 7 | 8 | 26.1 | 32.9 | Water, g | 3.3 | 25.3 | 84 | 106 |
| Pantothenic Acid, mcg | 310 | 355 | 1184 | 1494 | Approx. Osmolality, | | | | |
| Biotin, mcg | 5.8 | 5.9‖ | 19.7 | 24.8 | mOsm/kg $H_2O$ | NA | 450 | 450 | 450 |

‡ One packet (5 mL) Similac Human Milk Fortifier Concentrated Liquid in 25 mL preterm human milk. Preterm human milk values from *Meeting the Special Needs of Low-Birth Weight and Premature Infants in the Hospital*. Columbus, OH: Abbott Nutrition, Abbott Laboratories, January 1998.

§ Per 100 Calories, as mixed, approximately 4 packets added to 100 mL preterm human milk (24 Cal/fl oz). Preterm human milk values from *Meeting the Special Needs of Low-Birth Weight and Premature Infants in the Hospital*. Columbus, OH: Abbott Nutrition, Abbott Laboratories, January 1998.

‖ Values based on term human milk from American Academy of Pediatrics Committee on Nutrition: *Pediatric Nutrition Handbook*, 4th ed. Elk Grove Village, American Academy of Pediatrics, 1998;40:132-135, 217, 258, 655-658.

M. Alpina Oil is a source of ARA.

C. Cohnii Oil is a source of DHA.

# Similac® Human Milk Fortifier Concentrated Liquid


## Description/Indications

Intended for premature and low-birth-weight infants as a nutritional supplement to add to human milk.

- Use under medical supervision

## Features

- Small, convenient packet is designed for easy mixing
- When added to human milk, meets the nutrient recommendations for the premature infant[1]
- Commercially sterile and meets the AND and CDC recommendation to use liquid for NICU feedings[2,3]*
- Packet is simple to open and mixes easier with human milk than powder[4]
- Low iron level provides flexibility to add iron as needed
- Kosher, Halal

## Precautions

- Add only to human milk—do not add water
- This product is nutritionally incomplete by itself and is designed to be added to human breast milk
- Additional iron may be necessary
- Tolerance to enteral feedings should be confirmed by offering small volumes of unfortified human milk
- Once enteral feeding is well established, Similac Human Milk Fortifier Concentrated Liquid can be added to human milk
- Not intended for feeding low-birth-weight infants after they reach a weight of 3600 g (approximately 8 lb) or as directed by a physician

## Preparation and Use

**Follow directions as specified on carton. Improper dilution may be harmful.**

1. Klein CJ. *J Nutr.* 2002;132(6):1395S-1577S.
2. Centers for Disease Control and Prevention. *Enterobacter sakazakii* infections associated with the use of powdered infant formula—Tennessee, 2001. Available at http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5114a1.htm. Accessed August 26, 2016.
3. Pediatric Nutrition Practice Group, Robbins ST, Meyers R. *Infant Feedings: Guidelines for Preparation of Formula and Breastmilk in Health Care Facilities*. 2nd ed. Chicago: American Dietetic Association, 2011.
4. Data on file, 2010. Abbott Nutrition Market Research, Abbott Laboratories, Columbus, Ohio.

* Academy of Nutrition and Dietetics and Centers for Disease Control and Prevention.

## Availability: Hospital/Institutional

| Concentrated Liquid | | List No. |
|---|---|---|
| 5-mL (0.17-fl-oz) packet | 144/case | 56649 |

## Ingredients

**Concentrated Liquid:** Water, Nonfat Milk, Corn Syrup Solids, Medium-Chain Triglycerides, Whey Protein Concentrate. **Less than 2% of:** Minerals (Calcium Phosphate, Magnesium Chloride, Potassium Citrate, Salt, Calcium Carbonate, Potassium Phosphate, Sodium Citrate, Magnesium Phosphate, Zinc Sulfate, Ferrous Sulfate, Cupric Sulfate, Manganese Sulfate and Sodium Selenate), Vitamins (Vitamin A Palmitate, Vitamin $D_3$, d-Alpha-Tocopheryl Acetate, Phylloquinone, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Cyanocobalamin, Niacinamide, Folic Acid, Calcium Pantothenate, Biotin, Ascorbic Acid, m-Inositol and Choline Chloride), Soy Lecithin, M. Alpina Oil, C. Cohnii Oil and Potassium Hydroxide.
**Contains milk and soy Ingredients.**

### NUTRITION INFORMATION, CONCENTRATED LIQUID

| | Per 5 mL packet | Per 30 mL† | Per 100 mL | Per 100 Cal‡ |
|---|---|---|---|---|
| **Energy,** Cal | 7 | 24 | 79 | 100 |
| **Volume,** mL | 5 | 30 | 100 | 126 |
| **Protein,** g | 0.35 | 0.70 | 2.34 | 2.95 |
| % Total Cal | - | 12 | 12 | 12 |
| Source | Preterm human milk, nonfat milk, whey protein concentrate | | | |
| **Fat,** g | 0.27 | 1.24 | 4.14 | 5.23 |
| % Total Cal | - | 46 | 46 | 46 |
| Source | Preterm human milk, medium-chain triglycerides | | | |
| Linoleic Acid, mg | 1 | 93§ | 311 | 392 |
| **Carbohydrate,** g | 0.81 | 2.47 | 8.24 | 10.4 |
| % Total Cal | - | 42 | 42 | 42 |
| Source | Preterm human milk, corn syrup solids | | | |
| **Vitamins** | | | | |
| Vitamin A, IU | 197 | 294 | 982 | 1238 |
| Vitamin D, IU | 35 | 35 | 118 | 149 |
| Vitamin E, IU | 1.0 | 1.2 | 4.2 | 5.3 |
| Vitamin K, mcg | 2.4 | 2.5 | 8.2 | 10.3 |
| Thiamin (Vit. $B_1$), mcg | 48 | 53 | 177 | 224 |
| Riboflavin (Vit. $B_2$), mcg | 123 | 135 | 450 | 568 |
| Vitamin $B_6$, mcg | 49 | 53 | 176 | 222 |
| Vitamin $B_{12}$, mcg | 0.08 | 0.09 | 0.31 | 0.39 |
| Niacin, mcg | 1040 | 1080 | 3592 | 4532 |
| Folic Acid, mcg | 7 | 8 | 26.1 | 32.9 |
| Pantothenic Acid, mcg | 309 | 354 | 1180 | 1489 |
| Biotin, mcg | 7.6 | 7.7§ | 25.7 | 32.4 |
| Vitamin C, mg | 7.7 | 10.4 | 34.6 | 43.7 |
| Choline, mg | 0.9 | 3.3§ | 10.8 | 13.7 |
| Inositol, mg | 1.7 | 5.4§ | 18 | 22.7 |
| **Minerals** | | | | |
| Calcium, mg | 35 | 41 | 137 | 173 |
| Calcium, mEq | 1.8 | 2.1 | 7 | 8.9 |
| Phosphorus, mg | 20 | 23 | 77 | 98 |
| Magnesium, mg | 2.2 | 2.9 | 9.9 | 12.5 |
| Iron, mg | 0.11 | 0.14 | 0.47 | 0.59 |
| Zinc, mg | 0.30 | 0.39 | 1.3 | 1.62 |
| Manganese, mcg | 2.1 | 2.3§ | 7.5 | 9.5 |
| Copper, mcg | 15 | 31 | 104 | 131 |
| Iodine, mcg | 0.5 | 3.2§ | 11 | 13 |
| Selenium, mcg | 0.2 | 0.6§ | 2 | 2 |
| Sodium, mg | 5 | 12 | 37 | 47 |
| Sodium mEq | 0.23 | 0.5 | 1.7 | 2.1 |
| Potassium, mg | 21 | 35 | 118 | 148 |
| Potassium, mEq | 0.53 | 0.9 | 3 | 3.8 |
| Chloride, mg | 13 | 27 | 89 | 113 |
| Chloride, mEq | 0.38 | 0.8 | 2.6 | 3.2 |
| **Other Characteristics** | | | | |
| PRSL, mOsm | 3.8 | 6.9 | 23.1 | 29.3 |
| Water, g | 3.6 | 25.6 | 85 | 108 |
| Osmolality, mOsm/kg $H_2O$ | NA | 385 | 385 | 385 |

† One packet (5 mL) Similac Human Milk Fortifier Concentrated Liquid in 25 mL preterm human milk. Preterm human milk values from *Meeting the Special Needs of Low-Birth Weight and Premature Infants in the Hospital.* Columbus, OH: Abbott Nutrition, Abbott Laboratories, January 1998.

‡ Per 100 Calories, as mixed, approximately 4 packets added to 100 mL preterm human milk (24 Cal/fl oz). Preterm human milk values from *Meeting the Special Needs of Low-Birth Weight and Premature Infants in the Hospital.* Columbus, OH: Abbott Nutrition, Abbott Laboratories, January 1998.

§ Values based on term human milk from America Academy of Pediatrics Committee on Nutrition: *Pediatric Nutrition Handbook*, 4th ed. Elk Grove Village, American Academy of Pediatrics, 1998:40; 132-135, 217, 258, 655-658.

M. Alpina Oil is a source of ARA.

C. Cohnii Oil is a source of DHA.

# Similac® Human Milk Fortifier Powder


## Description/Indications

Intended for premature and low-birth-weight infants as a nutritional supplement to add to human milk.

- Use under medical supervision

## Features

- Excellent weight, length and head circumference gains demonstrated in a peer-reviewed study[1]
- In a peer-reviewed study, preserved the antibacterial activity of human milk against *E. coli*, *Staph*, GBS, and *E. sakazakii* (now *C. sakazakii*)[2*]
- Specially formulated to mix easily with human milk
- Low iron level provides flexibility to add iron as needed
- Well tolerated
- Small, convenient packaging designed for less spillage
- Gluten-free
- Kosher, Halal

## Precautions

- Add only to human milk—do not add water
- Tolerance to enteral feedings should be confirmed by offering small volumes of unfortified human milk
- Once enteral feeding is well established, Similac Human Milk Fortifier Powder can be added to human milk (see Preparation, page 29)
- Not intended for feeding low-birth-weight infants after they reach a weight of 3600 g (approximately 8 lb) or as directed by a physician

1. Barrett-Reis B, et al. *Pediatrics.* 2000;106:581-588.
2. Chan GM. *J Perinatol.* 2003;23:620-623.

* *Escherichia coli*, *Staphylococcus*, Group B *Streptococcus*, and *Enterobacter sakazakii* (now *Cronobacter sakazakii*).

## Availability: Hospital/Institutional

| Powder | List No. |
|---|---|
| 0.90-g packet; 50 packets/inner carton; 3 inner cartons/case; 150 packets/case | 54598 |

## Ingredients

**Powder:** Nonfat Milk, Whey Protein Concentrate, Corn Syrup Solids, Medium Chain Triglycerides, Calcium Phosphate, Potassium Citrate. **Less than 2% of:** Soy Lecithin, Minerals (Magnesium Chloride, Sodium Citrate, Calcium Carbonate, Salt, Potassium Phosphate, Zinc Sulfate, Ferrous Sulfate, Cupric Sulfate, Manganese Sulfate, and Sodium Selenate), Vitamins (Vitamin A Palmitate, Vitamin $D_3$, d-Alpha-Tocopheryl Acetate, Phylloquinone, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Cyanocobalamin, Niacinamide, Folic Acid, Calcium Pantothenate, Biotin, Ascorbic Acid, and m-Inositol), and Potassium Hydroxide. **Contains milk and soy ingredients.**

### NUTRITION INFORMATION, POWDER

| | Per 0.9-g packet | As mixed per 26 mL† | | Per 0.9-g packet | As mixed per 26 mL† |
|---|---|---|---|---|---|
| **Energy,** Cal | 3.5 | 20 | Vitamin C, mg | 6.3 | 8.9 |
| **Protein,** g | 0.25 | 0.60 | Choline, mg | 0.5 | 2.8 |
| **Fat,** g | 0.09 | 1.06 | Inositol, mg | 1 | 4.6 |
| Linoleic Acid, mg | - | 92 | **Minerals** | | |
| **Carbohydrate,** g | 0.45 | 2.11 | Calcium, mg (mEq) | 29 (1.46) | 35 (1.8) |
| **Vitamins** | | | Phosphorus, mg | 16 | 19 |
| Vitamin A, IU | 156 | 252 | Magnesium, mg | 1.7 | 2.5 |
| Vitamin D, IU | 30 | 31 | Iron, mg‡ | 0.08‡ | 0.11‡ |
| Vitamin E, IU | 0.8 | 1.1 | Zinc, mg | 0.25 | 0.34 |
| Vitamin K, mcg | 2.1 | 2.1 | Manganese, mcg | 1.8 | 2.0 |
| Thiamin (Vit $B_1$), mcg | 58.3 | 63 | Copper, mcg | 43 | 59 |
| Riboflavin (Vit $B_2$), mcg | 104 | 120 | Iodine, mcg | 0.8 | 3.5 |
| Vitamin $B_6$, mcg | 53 | 60 | Selenium, mcg | 0.1 | 0.5 |
| Vitamin $B_{12}$, mcg | 0.16 | 0.17 | Sodium, mg (mEq) | 4 (0.16) | 10 (0.5) |
| Niacin, mcg | 893 | 900 | Potassium, mg (mEq) | 16 (0.40) | 30 (0.8) |
| Folic Acid, mcg | 5.75 | 6.6 | Chloride, mg (mEq) | 9 (0.27) | 23 (0.7) |
| Pantothenic Acid, mcg | 375 | 400 | **Other Characteristics** | | |
| Biotin, mcg | 6.5 | 6.6 | PRSL, mOsm | 2.8 | 5.9 |

† One packet (0.9 g) Similac Human Milk Fortifier Powder in 25 mL preterm human milk. Preterm human milk values from *Meeting the Special Needs of Low-Birth Weight and Premature Infants in the Hospital,* Columbus, OH, Abbott Nutrition, Abbott Laboratories, January 1998:56.

‡ Additional iron may be necessary.

## Nutrition Information for Preterm Human Milk + Similac® Human Milk Fortifier Powder

| | 100 Cal | | | 1000 mL | | |
|---|---|---|---|---|---|---|
| | Preterm Human Milk* | Similac Human Milk Fortifier + Preterm Human Milk* 1 pkt: 50 mL | Similac Human Milk Fortifier + Preterm Human Milk* 1 pkt: 25 mL | Preterm Human Milk* | Similac Human Milk Fortifier + Preterm Human Milk* 1 pkt: 50 mL | Similac Human Milk Fortifier + Preterm Human Milk* 1 pkt: 25 mL |
| **Energy,** Cal | 100 | 100 | 100 | 671 | 731 | 790 |
| **Volume,** mL | 149 | 137 | 127 | 1000 | 1000 | 1000 |
| **Protein,** g | 2.10 | 2.58 | 2.97 | 14.09 | 18.84 | 23.46 |
| % Total Cal | 8 | 10 | 12 | 8 | 10 | 12 |
| Source | Preterm human milk | Preterm human milk, nonfat milk, whey protein concentrate | | Preterm human milk | Preterm human milk, nonfat milk, whey protein concentrate | |
| **Fat,** g | 5.80 | 5.50 | 5.24 | 38.93 | 40.18 | 41.41 |
| % Total Cal | 52 | 49 | 47 | 52 | 49 | 47 |
| Source | Preterm human milk | Preterm human milk, medium chain triglycerides | | Preterm human milk | Preterm human milk, medium chain triglycerides | |
| Linoleic Acid, mg | 550 | 498 | 455 | 3691 | 3642 | 3594 |
| **Carbohydrate,** g | 9.9 | 10.2 | 10.4 | 66.4 | 74.4 | 82.2 |
| % Total Cal | 40 | 41 | 42 | 40 | 41 | 42 |
| Source | Preterm human milk | Preterm human milk, corn syrup solids, lactose | | Preterm human milk | Preterm human milk, corn syrup solids, lactose | |
| **Vitamins** | | | | | | |
| Vitamin A, IU | 581 | 944 | 1245 | 3899 | 6906 | 9834 |
| Vitamin D, IU | 3 | 84 | 150 | 20 | 612 | 1188 |
| Vitamin E, IU | 1.6 | 3.6 | 5.3 | 10.7 | 26.4 | 41.6 |
| Vitamin K, mcg | 0.3 | 6 | 10 | 2.0 | 42.9 | 82.8 |
| Thiamin (Vit $B_1$), mcg | 31 | 185 | 313 | 208 | 1355 | 2471 |
| Riboflavin (Vit $B_2$), mcg | 72 | 347 | 574 | 483 | 2534 | 4531 |
| Vitamin $B_6$, mcg | 22 | 162 | 278 | 148 | 1187 | 2198 |
| Vitamin $B_{12}$, mcg | 0.07 | 0.50 | 0.85 | 0.47 | 3.62 | 6.69 |
| Niacin, mcg | 224 | 2611 | 4587 | 1503 | 19,096 | 36,225 |
| Folic Acid, mcg | 5 | 20 | 32 | 33 | 146 | 256 |
| Pantothenic Acid, mcg | 269 | 1256 | 2072 | 1805 | 9181 | 16,364 |
| Biotin, mcg | 0.6 | 18.1 | 32.6 | 4.0 | 132.2 | 257.1 |
| Vitamin C, mg | 16 | 31 | 44 | 107 | 229 | 348 |
| Choline, mg | 14 | 14 | 14 | 94 | 102 | 109 |
| Inositol, mg | 22.0 | 22.5 | 22.9 | 147.7 | 164.7 | 181.3 |
| **Minerals** | | | | | | |
| Calcium, mg | 37 | 112 | 175 | 248 | 822 | 1381 |
| Calcium, mEq | 1.9 | 5.6 | 8.7 | 12.4 | 41.0 | 68.9 |
| Phosphorus, mg | 19 | 62 | 98 | 128 | 456 | 777 |
| Magnesium, mg | 4.6 | 8.9 | 12.4 | 30.9 | 65.0 | 98.2 |
| Iron, mg | 0.18 | 0.40 | 0.6 | 1.21 | 2.92 | 4.58 |
| Zinc, mg | 0.51 | 1.14 | 1.65 | 3.42 | 8.31 | 13.07 |
| Manganese, mcg | 1 | 6 | 10 | 6 | 41 | 76 |
| Copper, mcg | 96 | 202 | 289 | 644 | 1474 | 2283 |
| Iodine, mcg | 16 | 14 | 13 | 107 | 106 | 105 |
| Selenium, mcg | 2.2 | 2.3 | 2.4 | 14.8 | 17.0 | 19.2 |
| Sodium, mg | 37 | 44 | 49 | 248 | 319 | 388 |
| Sodium, mEq | 1.6 | 1.9 | 2.1 | 10.8 | 13.9 | 16.9 |
| Potassium, mg | 85 | 119 | 148 | 570 | 874 | 1169 |
| Potassium, mEq | 2.2 | 3.0 | 3.8 | 14.6 | 22.3 | 29.9 |
| Chloride, mg | 82 | 100 | 115 | 550 | 730 | 906 |
| Chloride, mEq | 2.3 | 2.8 | 3.2 | 15.6 | 20.6 | 25.5 |
| **Other Characteristics** | | | | | | |
| PRSL, mOsm | 18.7 | 24.5 | 29.3 | 125.6 | 179.2 | 231.5 |
| Water, g | 131 | 119 | 108 | 879 | 867 | 856 |
| Osmolality, mOsm/kg $H_2O$ | 290 | 343 | 385 | 290 | 343 | 385 |

*Composition of preterm human milk varies with maternal diet, stage of lactation, within feedings, diurnally, and among mothers. Values for term human milk have been used for linoleic acid, biotin, choline, inositol, manganese, iodine, and selenium.[1] Values represent mature preterm milk (not colostrum or transitional milk).

1. *Meeting the Special Nutrient Needs of Low-Birth-Weight and Premature Infants in the Hospital* (A8100). Columbus, Ohio: Abbott Nutrition, Abbott Laboratories, January 1998.

## Nutrient Comparison of Preterm Human Milk + Similac® Special Care® 30 (SSC 30)

| Nutrients | Key Nutrient Requirements† Min | Key Nutrient Requirements† Max | Per 100 Cal: Preterm Human Milk (PTHM)‡ | Per 100 Cal: PTHM + SSC 30 (2:1 ratio)§ | Per 100 Cal: PTHM + SSC 30 (1:1 ratio)§ | Per 100 Cal: PTHM + SSC 30 (1:2 ratio)§ | Per 100 mL: PTHM + SSC 30 (2:1 ratio)§ | Per 100 mL: PTHM + SSC 30 (1:1 ratio)§ | Per 100 mL: PTHM + SSC 30 (1:2 ratio)§ |
|---|---|---|---|---|---|---|---|---|---|
| **Cal/fl oz** | | | | 23 | 25 | 27 | 23 | 25 | 27 |
| **Energy,** Cal | 100 | 100 | 100 | 100 | 100 | 100 | 79 | 84 | 90 |
| **Volume,** mL | – | – | 149 | 127 | 119 | 111 | 100 | 100 | 100 |
| **Protein,** g | 2.5 | 3.6 | 2.1 | 2.5 | 2.6 | 2.8 | 2.0 | 2.2 | 2.5 |
| Source | | | Preterm human milk, nonfat milk, whey protein concentrate | | | | | | |
| **Fat,** g | 4.4 | 5.7 | 5.8 | 6.1 | 6.3 | 6.4 | 4.8 | 5.3 | 5.8 |
| Source | | | Preterm human milk, medium chain triglycerides, soy and coconut oils | | | | | | |
| **Carbohydrate,** g | 9.6 | 12.5 | 9.9 | 9.0 | 8.6 | 8.3 | 7.0 | 7.2 | 7.4 |
| Source | | | Preterm human milk, corn syrup solids, lactose | | | | | | |
| **Vitamins** | | | | | | | | | |
| Vitamin A, IU | 700 | 1254 | 581 | 869 | 984 | 1084 | 683 | 829 | 975 |
| Vitamin D, IU | 75 | 270 | 3 | 66 | 91 | 113 | 52 | 77 | 102 |
| Vitamin E, IU | 2.0 | 8.0 | 1.6 | 2.6 | 3.0 | 3.4 | 2.1 | 2.6 | 3.1 |
| Vitamin K, mcg | 4.0 | 25 | 0.3 | 5 | 7 | 9 | 4 | 6 | 8 |
| Thiamin (Vit $B_1$), mcg | 30 | 250 | 31 | 125 | 163 | 196 | 98 | 137 | 176 |
| Riboflavin (Vit $B_2$), mcg | 80 | 620 | 72 | 308 | 402 | 484 | 242 | 339 | 435 |
| Vitamin $B_6$, mcg | 30 | 250 | 22 | 120 | 159 | 193 | 94 | 134 | 174 |
| Vitamin $B_{12}$, mcg | 0.08 | 0.7 | 0.07 | 0.28 | 0.36 | 0.43 | 0.22 | 0.30 | 0.39 |
| Niacin, mcg | 550 | 5000 | 224 | 2280 | 3098 | 3813 | 1791 | 2611 | 3432 |
| Folic Acid, mcg | 30 | 45 | 5 | 19 | 24 | 29 | 15 | 20 | 26 |
| Pantothenic Acid, mcg | 300 | 1900 | 269 | 971 | 1251 | 1495 | 763 | 1054 | 1345 |
| Biotin, mcg | 1.0 | 37.0 | 0.6 | 16.3 | 22.5 | 28.0 | 12.8 | 19.0 | 25.2 |
| Vitamin C, mg | 8 | 37 | 16 | 25.0 | 28.6 | 31.8 | 19.7 | 24.1 | 28.6 |
| Choline, mg | 7 | 23 | 14 | 12 | 12 | 11 | 10 | 10 | 10 |
| Inositol, mg | 4 | 44 | 22 | 30 | 33 | 36 | 23 | 28 | 32 |
| **Minerals** | | | | | | | | | |
| Calcium, mg | 123 | 185 | 37 | 99 | 123 | 144 | 77 | 104 | 130 |
| Phosphorus, mg | 82 | 109 | 19 | 54 | 68 | 80 | 42 | 57 | 72 |
| Magnesium, mg | 6.8 | 17.0 | 4.6 | 7.8 | 9.1 | 10.2 | 6.1 | 7.6 | 9.1 |
| Iron, mg | 1.7 | 3.0 | 0.18 | 0.9 | 1.15 | 1.4 | 0.7 | 1.0 | 1.3 |
| Zinc, mg | 1.1 | 1.5 | 0.51 | 0.94 | 1.11 | 1.25 | 0.74 | 0.93 | 1.13 |
| Manganese, mcg | 6 | 25 | 1 | 6 | 8 | 9 | 4 | 6 | 8 |
| Copper, mcg | 100 | 250 | 96 | 162 | 189 | 212 | 127 | 159 | 191 |
| Iodine, mcg | 6 | 35 | 16 | 12 | 10 | 8 | 9 | 8 | 8 |
| Selenium, mcg | 2 | 5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Sodium, mg (mEq) | 39 | 63 | 37 (1.61) | 40 (1.72) | 41 (1.77) | 42 (1.80) | 31 (1.35) | 34 (1.49) | 37 (1.62) |
| Potassium, mg (mEq) | 60 | 160 | 85 (2.17) | 104 (2.66) | 111 (2.85) | 118 (3.02) | 82 (2.09) | 94 (2.40) | 106 (2.72) |
| Chloride, mg (mEq) | 60 | 160 | 82 (2.32) | 82 (2.30) | 81 (2.30) | 81 (2.30) | 64 (1.81) | 69 (1.94) | 73 (2.07) |
| **Other Characteristics** | | | | | | | | | |
| PRSL, mOsm | – | – | 18.7 | 22.6 | 24.2 | 25.6 | 17.8 | 20.4 | 23.0 |
| Approx Osmolality, mOsm/kg $H_2O$ | – | – | 290 | 302 | 310 | 313 | 302 | 310 | 313 |

† Life Sciences Research Office recommendations for preterm and low-birth-weight infants.[2] Visit http://www.lsro.org/articles/lowbirthweight_rpt.pdf for a summary of the report. **NOTE:** These guidelines are designed for preterm infant formulas, NOT fortified human milk. Thus, these recommendations can serve only as a general guideline relative to fortified human milk.

‡ The nutrient concentrations listed for preterm human milk are mean human milk levels. The range of nutrients in preterm human milk is highly variable. Therefore, actual nutrient levels may be higher or lower than the levels listed. Human milk values were obtained from: *Meeting the Special Nutrient Needs of Low-Birth-Weight and Premature Infants in the Hospital* (A8100). Columbus, OH: Abbott Nutrition, Abbott Laboratories, January 1998.

§ When combined with human milk, does not increase concentration of nutrients to levels achieved with Similac® Human Milk Fortifier.

2. Klein CJ. *J Nutr.* 2002;132:1395S-1577S.

## High-Calorie Human Milk Fortification Options

### Similac® Human Milk Fortifier Powder (SHMF) + Similac® Special Care® 30 (SSC 30)

| Nutrients Per 100 Cal | Preterm Human Milk (PTHM)[1] | PTHM + SHMF=Fortified Human Milk (FHM) | FHM 26 Cal | FHM 27 Cal | FHM 28 Cal | SSC 30 |
|---|---|---|---|---|---|---|
| **Cal/fl oz** | **20** | **24** | **26** | **27** | **28** | **30** |
| **Ratios** | | Mix 1 packet SHMF + 25 mL PTHM | Mix 2 parts FHM + 1 part SSC 30 | Mix 1 part FHM + 1 part SSC 30 | Mix 1 part FHM + 2 parts SSC 30 | |
| **Energy,** Cal | 100 | 100 | 100 | 100 | 100 | 100 |
| **Volume,** mL | 149 | 127 | 116 | 111 | 106 | 99 |
| **Protein,** g | 2.10 | 2.97 | 2.98 | 2.99 | 2.99 | 3.0 |
| **Fat,** g | 5.80 | 5.24 | 5.78 | 6.01 | 6.23 | 6.61 |
| **Carbohydrate,** g | 9.9 | 10.4 | 9.4 | 8.9 | 8.5 | 7.7 |
| **Vitamins** | | | | | | |
| Vitamin A, IU | 581 | 1245 | 1247 | 1248 | 1249 | 1250 |
| Vitamin D, IU | 3 | 150 | 150 | 150 | 150 | 150 |
| Vitamin E, IU | 1.6 | 5.3 | 4.8 | 4.6 | 4.4 | 4.0 |
| Vitamin K, mcg | 0.3 | 11 | 11 | 11 | 12 | 12 |
| Thiamin (Vit $B_1$), mcg | 31 | 313 | 288 | 278 | 268 | 250 |
| Riboflavin (Vit $B_2$), mcg | 72 | 574 | 592 | 600 | 607 | 620 |
| Vitamin $B_6$, mcg | 22 | 278 | 267 | 262 | 258 | 250 |
| Vitamin $B_{12}$, mcg | 0.07 | 0.85 | 0.73 | 0.68 | 0.63 | 0.55 |
| Niacin, mcg | 224 | 4587 | 4748 | 4819 | 4884 | 5000 |
| Folic Acid, mcg | 4.9 | 32 | 34 | 35 | 36 | 37 |
| Pantothenic Acid, mcg | 269 | 2072 | 2005 | 1975 | 1948 | 1900 |
| Biotin, mcg | 0.6 | 33 | 34 | 35 | 36 | 37 |
| Vitamin C, mg | 16 | 44 | 41 | 40 | 39 | 37 |
| Choline, mg | 14 | 14 | 12 | 12 | 11 | 10 |
| Inositol, mg | 22 | 21 | 30 | 33 | 35 | 40 |
| **Minerals** | | | | | | |
| Calcium, mg | 37 | 175 | 177 | 178 | 179 | 180 |
| Phosphorus, mg | 19 | 98 | 99 | 99 | 100 | 100 |
| Magnesium, mg | 4.6 | 12.4 | 12.3 | 12.2 | 12.1 | 12 |
| Iron, mg | 0.18 | 0.58 | 1.1 | 1.3 | 1.5 | 1.8 |
| Zinc, mg | 0.51 | 1.7 | 1.6 | 1.6 | 1.5 | 1.5 |
| Manganese, mcg | 0.9 | 9.6 | 11 | 11 | 11 | 12 |
| Copper, mcg | 96 | 289 | 274 | 267 | 261 | 250 |
| Iodine, mcg | 16 | 13 | 10 | 9 | 8 | 6.0 |
| Selenium, mcg | 2 | 2 | 2 | 2 | 2 | 2 |
| Sodium, mg (mEq) | 37 (1.6) | 49 (2.1) | 47 (2.0) | 46 (2.0) | 45 (2.0) | 43 (1.9) |
| Potassium, mg (mEq) | 85 (2.2) | 148 (3.8) | 141 (3.6) | 137 (3.5) | 134 (3.4) | 129 (3.3) |
| Chloride, mg (mEq) | 82 (2.3) | 115 (3.2) | 102 (2.9) | 96 (2.7) | 90 (2.6) | 81 (2.3) |
| **Other Characteristics** | | | | | | |
| PRSL, mOsm | 18.7 | 29.3 | 28.7 | 28.5 | 28.2 | 27.8 |
| Approx Osmolality, mOsm/kg $H_2O$ | 290 | 385 | 365 | 355 | 345 | 325 |

1. *Meeting the Special Nutrient Needs of Low-Birth-Weight and Premature Infants in the Hospital* (A8100). Columbus, Ohio: Abbott Nutrition, Abbott Laboratories, January 1998.

## High-Calorie Human Milk Fortification Options

### Similac® Human Milk Fortifier Powder (SHMF) + Similac® Special Care® 30 (SSC 30)

| Nutrients Per 100 mL | Preterm Human Milk (PTHM)[1] | PTHM + SHMF=Fortified Human Milk (FHM) | FHM 26 Cal | FHM 27 Cal | FHM 28 Cal | SSC 30 |
|---|---|---|---|---|---|---|
| **Cal/fl oz** | **20** | **24** | **26** | **27** | **28** | **30** |
| **Ratios** | | Mix 1 packet SHMF + 25 mL PTHM | Mix 2 parts FHM + 1 part SSC 30 | Mix 1 part FHM + 1 part SSC 30 | Mix 1 part FHM + 2 parts SSC 30 | |
| **Energy,** Cal | 67 | 79 | 86 | 90 | 94 | 101 |
| **Volume,** mL | 100 | 100 | 100 | 100 | 100 | 100 |
| **Protein,** g | 1.41 | 2.35 | 2.58 | 2.69 | 2.81 | 3.04 |
| **Fat,** g | 3.89 | 4.14 | 5.00 | 5.42 | 5.85 | 6.71 |
| **Carbohydrate,** g | 6.6 | 8.2 | 8.1 | 8.0 | 8.0 | 7.8 |
| **Vitamins** | | | | | | |
| Vitamin A, IU | 390 | 983 | 1078 | 1126 | 1173 | 1268 |
| Vitamin D, IU | 2 | 119 | 130 | 135 | 141 | 152 |
| Vitamin E, IU | 1.1 | 4.2 | 4.1 | 4.1 | 4.1 | 4.1 |
| Vitamin K, mcg | 0.2 | 8.3 | 9.6 | 10.2 | 10.9 | 12.2 |
| Thiamin (Vit $B_1$), mcg | 21 | 247 | 249 | 250 | 251 | 254 |
| Riboflavin (Vit $B_2$), mcg | 48 | 453 | 512 | 541 | 570 | 629 |
| Vitamin $B_6$, mcg | 15 | 220 | 231 | 237 | 242 | 254 |
| Vitamin $B_{12}$, mcg | 0.05 | 0.67 | 0.63 | 0.61 | 0.59 | 0.56 |
| Niacin, mcg | 150 | 3623 | 4106 | 4347 | 4589 | 5072 |
| Folic Acid, mcg | 3.3 | 25.6 | 29.6 | 31.6 | 33.6 | 37.5 |
| Pantothenic Acid, mcg | 181 | 1636 | 1733 | 1782 | 1830 | 1927 |
| Biotin, mcg | 0.4 | 25.7 | 29.7 | 31.6 | 33.6 | 37.5 |
| Vitamin C, mg | 10.7 | 34.8 | 35.7 | 36.2 | 36.6 | 38 |
| Choline, mg | 9.4 | 11 | 11 | 11 | 10 | 10 |
| Inositol, mg | 15 | 18 | 26 | 29 | 33 | 41 |
| **Minerals** | | | | | | |
| Calcium, mg | 25 | 138 | 153 | 160 | 168 | 183 |
| Phosphorus, mg | 13 | 78 | 86 | 90 | 94 | 101 |
| Magnesium, mg | 3.1 | 9.8 | 10.6 | 11.0 | 11.4 | 12.2 |
| Iron, mg | 0.12 | 0.46 | 0.91 | 1.14 | 1.37 | 1.83 |
| Zinc, mg | 0.34 | 1.31 | 1.38 | 1.41 | 1.45 | 1.52 |
| Manganese, mcg | 0.6 | 7.6 | 9.1 | 9.9 | 11 | 12 |
| Copper, mcg | 64 | 228 | 237 | 241 | 245 | 254 |
| Iodine, mcg | 11 | 10 | 9 | 8 | 8 | 6.0 |
| Selenium, mcg | 1 | 2 | 2 | 2 | 2 | 2 |
| Sodium, mg (mEq) | 25 (1.1) | 39 (1.7) | 40 (1.7) | 41 (1.8) | 42 (1.8) | 44 (1.9) |
| Potassium, mg (mEq) | 57 (1.5) | 117 (3.0) | 122 (3.1) | 124 (3.2) | 126 (3.2) | 131 (3.4) |
| Chloride, mg (mEq) | 55 (1.6) | 91 (2.6) | 88 (2.5) | 86 (2.5) | 85 (2.4) | 82 (2.3) |
| **Other Characteristics** | | | | | | |
| PRSL, mOsm | 12.6 | 23.1 | 24.8 | 25.7 | 26.5 | 28.2 |
| Approx Osmolality, mOsm/kg $H_2O$ | 290 | 385 | 365 | 355 | 345 | 325 |

**NOTE:** Proper hygiene, handling, and storage are important when preparing infant feedings. Always follow your hospital's policies and procedures regarding safe handling practices when preparing infant feedings to prevent the possibility of contamination.

# Liquid Protein Fortifier

For Human Milk, Fortified Human Milk, or Infant Formula


Add to human milk or infant formula

## Description/Indications

The first and only commercially sterile, extensively hydrolyzed liquid protein fortifier for preterm infants who may require additional protein.

## Features

- Designed to be mixed with human milk, fortified human milk, or formula feedings with minimal displacement for any infant who needs additional protein
- Helps customize feedings so preterm infants can receive the optimal protein level to meet their specific needs
- Liquid product eliminates the need for powder mixing and meets the AND and CDC* recommendations to reduce risk of contamination[1,2]
- Extensively hydrolyzed liquid protein fortifier for easy digestion and absorption (the same protein source as Similac® Alimentum®)
- 1 g of protein/6 mL (16.7 g protein/100 mL)
- Convenient, multi-serving bottle
- Gluten-free
- Lactose-free

## Precaution

- If signs of intolerance develop, consult with infant's healthcare professional.

## Preparation and Use

- **Use as directed by a physician**
- This product is nutritionally incomplete. **Must be mixed with human milk, fortified human milk, or formula before feeding**
- **Do not attach nipple and ring** to Liquid Protein Fortifier bottle
- Do not add water
- Shake gently
- Do not use if breakaway ring is missing or broken
- Enteral use only; not for IV use
- Discard unused dispensed fortifier

## Storage

- Store unopened at room temperature; avoid extreme temperatures.
- **Fortifier:** Refrigerate after opening: use within 72 hours or discard.
- **Fortified human milk or formula:** Once mixed, refrigerate and use within 24 hours or discard.

1. Pediatric Nutrition Practice Group, Robbins ST, Meyers R. *Infant Feedings: Guidelines for Preparation of Human Milk and Formula in Health Care Facilities*, 2nd ed. Chicago: American Dietetic Association; 2011.
2. Centers for Disease Control and Prevention. *Enterobacter sakazakii* infections associated with the use of powdered infant formula—Tennessee, 2001. Available at: http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5114a1.htm. Accessed August 26, 2016.

* Academy of Nutrition and Dietetics and Centers for Disease Control and Prevention.

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| 1.8 fl oz (54 mL) | plastic bottle; 48/case | 62317 |

**Liquid Protein Fortifier is easy to distinguish from other NICU products**

**Bottle has several distinguishing characteristics for differentiation:**

- Black cap for easy product identification
- Stickers displaying important usage information
- Label has clinical look to stand out from formulas on shelf
- Liquid is opaque and darker than infant formula

## Ingredients

Water and Casein Hydrolysate (milk).

| NUTRIENTS PER 6 ML | |
|---|---|
| Calories | 4 |
| Protein | 1 g |
| Water | 5 g |

| NUTRITIONAL CHARACTERISTICS OF LIQUID PROTEIN FORTIFIER |
|---|
| Protein: Source and Concentration → 100% extensively hydrolyzed casein<br>16.7 g protein/100 mL; 1 g protein/6 mL |
| Calories → 4 Cal/1 g protein |
| Osmolality → 1 mL contributes ~12 mOsm/kg water when added to make 100 mL of the feeding |
| Displacement → 1 mL will displace 1 mL of feeding |

# Custom Feeding System

# Custom Feeding System

## Description

Abbott Nutrition provides a comprehensive line of products and services for optimal nutrition of infants.

- Complete line of formulas and support for feeding choices
- A history of excellence and dedication to nutritional innovations
- Health care professional and parent education

## Features

- **Complete ready-to-use** line of infant formulas and water products—all in 2-fl-oz, lightweight, easy-to-open bottles
  - **Twist:** Break the tamper-evident seal, which is easy with just a few turns
  - **Click:** Listen for the clicks to assure safety
  - **Open and Pour:** Into feeding container
- **Complete line of ready-to-feed premature infant formulas**—including Similac® Special Care® 30, the highest caloric density preterm formula and suitable for use as a human milk fortifier
- **Liqui-Mix® Preparation**—Similac Special Care products mix easily using the Liqui-Mix system for the delivery of high-calorie, nutrient-dense formulas
  - **All-Liquid:** Liquid formulas eliminate the need for most powder mixing and meet the AND and CDC* recommendations to reduce risk of contamination[1,2]
  - **Versatile:** Easy mixing to create a variety of calorically dense formulas
  - **Simple:** Easy to use 2:1, 1:1, 1:2 system
- **Human milk fortifiers**
  - Similac® Human Milk Fortifier in Powder and Concentrated Liquid
  - Similac® Human Milk Fortifier Hydrolyzed Protein Concentrated Liquid
  - Liquid Protein Fortifier

- **Complete line of nipples**—designed for versatility and reliability; home delivery available
- **Volu-Feed® Volumetric Feeding System**—for accurate measurement of formula intake

1. Pediatric Nutrition Practice Group, Robbins ST, Meyers R. *Infant Feedings: Guidelines for Preparation of Human Milk and Formula in Health Care Facilities,* 2nd ed. Chicago: American Dietetic Association, 2011.
2. Centers for Disease Control and Prevention. *Enterobacter sakazakii* infections associated with the use of powdered infant formula—Tennessee, 2001. Available at http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5114a1.htm. Accessed August 26, 2016.

* Academy of Nutrition and Dietetics and Centers for Disease Control and Prevention.

## Availability

See individual product listings.

Custom Feeding System
from ABBOTT NUTRITION

BRAND FED #1 IN HOSPITALS Similac®

## Preterm

### Preterm Formulas

| | | | |
|---|---|---|---|
| Similac® Special Care® 20 | (20 Cal/fl oz) | 48/Case | #56265 |
| Similac® Special Care® 24 | (24 Cal/fl oz) | 48/Case | #56267 |
| Similac® Special Care® 24 High Protein | (24 Cal/fl oz) | 48/Case | #56271 |
| Similac® Special Care® 30 | (30 Cal/fl oz) | 48/Case | #56275 |
| Similac® NeoSure® | (22 Cal/fl oz) | 48/Case | #56177 |

### Human Milk Fortifiers

| | | | |
|---|---|---|---|
| Liquid Protein Fortifier | (1g protein/6 mL) | 48/Case | #62317 |
| Similac® Human Milk Fortifier Powder | (3/50-pkt ctn) | 150/Case | #54598 |
| Similac® Human Milk Fortifier Concentrated Liquid | (6/24-pkt ctn) | 144/Case | #56649 |
| Similac® Human Milk Fortifier Hydrolyzed Protein Concentrated Liquid | (6/24-pkt ctn) | 144/Case | #63010 |

## Term

### Routine feeding


| | | | |
|---|---|---|---|
| Similac Pro-Advance™ | (19 Cal/fl oz) | 48/Case | #66178 |
| Similac® Organic | (20 Cal/fl oz) | 48/Case | #56525 |
| Similac® For Supplementation | (19 Cal/fl oz) | 48/Case | #63092 |
| Similac® With Iron 24 | (24 Cal/fl oz) | 48/Case | #63075 |

### Similac® With Iron 24

### Sensitive Tummies


| | | | |
|---|---|---|---|
| Similac Pro-Sensitive™ | (19 Cal/fl oz) | 48/Case | #66180 |
| Similac Total Comfort™ | (19 Cal/fl oz) | 48/Case | #62595 |
| Similac® Soy Isomil® | (19 Cal/fl oz) | 48/Case | #56308 |
| Similac® For Spit-Up | (19 Cal/fl oz) | 48/Case | #62139 |
| Similac® Alimentum® | (20 Cal/fl oz) | 48/Case | #59738 |

## Hydration

| | | | |
|---|---|---|---|
| Similac® Water (Sterilized) | For Oral Use | 48/Case | #51000 |
| Similac® 5% Glucose Water | (6 Cal/fl oz) | 48/Case | #51002 |
| Similac® 10% Glucose Water | (12 Cal/fl oz) | 48/Case | #51004 |
| Similac® Water (Sterilized) | 1-Liter Plastic Bottle | 8/Case | #58037 |
| Pedialyte® Unflavored | (3 Cal/fl oz) | 48/Case | #59892 |

## Extra Support

### Breastfeeding

**CustomFeed™ Breast Milk Storage 60 mL-Bottles**
100/case
#64125

**Breast Milk Storage 4-fl-oz Plastic Bottles**
3/pkg
#51950

**Breast Milk Storage Bottle Caps**
250/Case
#54080

**8-fl-oz Plastic Bottle**
144/Case
#00875


**Volu-Feed® 60-mL Nurser**
100/Case
#00180

**Volu-Feed® Dispensing Cap**
250/Case
#00081

### Nipples

**Similac® Premature Nipple & Ring**
250/Case
#00094

**Similac® Orthodontic Nipple & Ring**
250/Case
#50512

**Similac® Slow Flow Nipple & Ring**
250/Case
#53894

**Similac® Infant Nipple & Ring**
250/Case
#00079

### Feeding Support Resources


| | |
|---|---|
| **Breastfeeding Support Kit with Similac For Supplementation** | SKU 66410 |
| **NICU Admission Kit** | SKU 63329 |
| **Similac NeoSure Discharge Kit** | SKU 56512 |

| **Available Starting December 1, 2016** | |
|---|---|
| **2 fl. oz Similac Pro-Advance™ Ready-to-Feed Starter kit** | SKU 66327 |
| **Similac Pro-Advance™ & Similac Pro-Sensitive™ Powder Starter kit** | SKU 66325 |

| **Discontinuing in January 2017** | |
|---|---|
| **Similac Advance Powder Formula Feeding Kit** | SKU 62769 |
| **Similac Advance 32 fl oz RTF Formula Feeding Kit** | SKU 62905 |
| **Similac Sensitive Formula Feeding Kit** | SKU 63325 |

For more information and patient support, visit us at abbottnutrition.com
or contact your Abbott Nutrition Representative

# Similac®
# With Iron 24

Infant Formula


## Description/Indications

A **24 Cal/fl oz**, milk-based, iron-fortified formula for term infants needing an increased caloric-density feeding.

## Features

- Calcium for strong bones—no palm olein oil
- Gluten-free
- Kosher, Halal

## Availability: Hospital/Institutional

**Custom Feeding System**

| Size | Container | List No. |
|---|---|---|
| **Ready To Feed:** (24 Cal/fl oz) | | |
| 2 fl oz | plastic bottle; 48/case | 63075 |

## Preparation

**READY TO FEED:** Do not dilute.

## Ingredients

Water, Lactose, Nonfat Milk, High Oleic Safflower Oil, Coconut Oil, Soy Oil, Whey Protein Concentrate. **Less than 0.5% of:** Ascorbic Acid, Calcium Carbonate, Potassium Citrate, Monoglycerides, Soy Lecithin, Sodium Citrate, Potassium Chloride, Magnesium Chloride, Calcium Phosphate, Carrageenan, Potassium Phosphate, Choline Chloride, Ferrous Sulfate, Potassium Hydroxide, Taurine, m-Inositol, L-Tryptophan, d-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, L-Carnitine, Cupric Sulfate, Vitamin A Palmitate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Phylloquinone, Manganese Sulfate, Biotin, Vitamin $D_3$, Cyanocobalamin, Sodium Selenate, Magnesium Sulfate, Sodium Chloride and Potassium Iodide. **Contains milk and soy ingredients.**

## NUTRITION INFORMATION

| | 100 Cal | 1000 mL | | 100 Cal | 1000 mL |
|---|---|---|---|---|---|
| **Energy,** Cal | 100 | 806 | Vitamin C, mg | 15 | 121 |
| **Volume,** mL | 124 | 1000 | Choline, mg | 16 | 129 |
| **Protein,** g | 2.07 | 16.69 | Inositol, mg | 5.9 | 47.6 |
| % Total Cal | 8 | 8 | **Minerals** | | |
| Source | Nonfat milk, whey protein concentrate | | Calcium, mg | 79 | 637 |
| **Fat,** g | 5.51 | 44.44 | Calcium, mEq | 3.9 | 31.8 |
| % Total Cal | 50 | 50 | Phosphorus, mg | 42 | 339 |
| Source | High oleic safflower oil, coconut and soy oils | | Magnesium, mg | 7 | 56.5 |
| Oil Ratio | 40:30:30 | 40:30:30 | Iron, mg | 1.8 | 14.52 |
| Linoleic Acid, mg | 870 | 7016 | Zinc, mg | 0.69 | 5.56 |
| **Carbohydrate,** g | 10.6 | 85.48 | Manganese, mcg | 5 | 40.3 |
| % Total Cal | 42 | 42 | Copper, mcg | 69 | 556 |
| Source | Lactose | | Iodine, mcg | 14 | 113 |
| **Vitamins** | | | Selenium, mcg | 2 | 16 |
| Vitamin A, IU | 296 | 2387 | Sodium, mg | 27 | 218 |
| Vitamin D, IU | 52 | 419 | Sodium, mEq | 1.2 | 9.5 |
| Vitamin E, IU | 1.5 | 12.1 | Potassium, mg | 117 | 944 |
| Vitamin K, mcg | 12 | 96.8 | Potassium, mEq | 3 | 24.1 |
| Thiamin (Vit $B_1$), mcg | 96 | 774 | Chloride, mg | 65 | 524 |
| Riboflavin (Vit $B_2$), mcg | 173 | 1395 | Chloride, mEq | 1.8 | 14.8 |
| Vitamin $B_6$, mcg | 70 | 565 | **Other Characteristics** | | |
| Vitamin $B_{12}$, mcg | 0.35 | 2.82 | PRSL, mOsm | 19.2 | 154.8 |
| Niacin, mcg | 670 | 5403 | Water, g | 109 | 879 |
| Folic Acid, mcg | 12 | 96.8 | Osmolality, mOsm/kg $H_2O$ | 380 | 380 |
| Pantothenic Acid, mcg | 590 | 4758 | | | |
| Biotin, mcg | 4.4 | 35.5 | | | |

# Similac Sensitive® Concentrated Liquid

Infant Formula with Iron


## Description/Indications

A **20 Cal/fl oz**, nutritionally complete infant feeding that is an alternative to standard milk-based formulas. For mild tolerance symptoms such as fussiness and gas due to lactose sensitivity. Suitable for infants with lactose sensitivity.*

## Features

- Our exclusive formula has:
  - Calcium for strong bones—no palm olein oil
  - Nucleotides to help support the immune system
  - Prebiotics to help promote digestive health
  - Carotenoids like those naturally found in breast milk
- Clinically shown to support normal growth in infants[1]
- A unique blend of two carbohydrates to help maximize absorption and minimize malabsorption risks
- Low osmolality (200 mOsm/kg water)
- Gluten-free
- Kosher, Halal

## Precaution

- Not for infants or children with galactosemia

1. Lasekan JB, et al. *Clin Pediatr* 2011;50:330-337.

*Typical Value 0.1 g lactose/100 kcal compared to Similac® Advance® (11 g lactose/100 kcal).

## Availability: Hospital/Institutional

**Custom Feeding System**

| Size | Container | List No. |
|---|---|---|
| **Concentrated Liquid:** (40 Cal/fl oz) | | |
| 13 fl oz | can; 12/case | 57535 |

## Ingredients

Water, Maltodextrin, Sugar, Milk Protein Isolate, High Oleic Safflower Oil, Soy Oil, Coconut Oil, Galactooligosaccharides. **Less than 1.0% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Lycopene, Calcium Phosphate, Potassium Citrate, Modified Cornstarch, Potassium Chloride, Magnesium Chloride, Monoglycerides, Soy Lecithin, Carrageenan, Calcium Carbonate, Ascorbic Acid, Choline Chloride, Salt, Ferrous Sulfate, Choline Bitartrate, Taurine, m-Inositol, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, L-Carnitine, Niacinamide, Calcium Pantothenate, Copper Sulfate, Thiamine Hydrochloride, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Potassium Iodide, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Vitamin $B_{12}$, Potassium Hydroxide and Nucleotides (Adenosine 5'-Monophosphate, Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate). **Contains milk and soy ingredients.**

### NUTRITION INFORMATION (prepared as directed on label)

| | 100 Cal | 1000 mL | | 100 Cal | 1000 mL |
|---|---|---|---|---|---|
| **Energy,** Cal | 100 | 676 | Pantothenic Acid, mcg | 450 | 3043 |
| **Volume,** mL | 148 | 1000 | Biotin, mcg | 4.4 | 29.8 |
| **Protein,** g | 2.1 | 14.19 | Vitamin C, mg | 9 | 61 |
| % Total Cal | 9 | 9 | Choline, mg | 16 | 108 |
| Source | Milk protein isolate | | Inositol, mg | 4.3 | 29.1 |
| **Fat,** g | 5.40 | 36.52 | **Minerals** | | |
| % Total Cal | 49 | 49 | Calcium, mg | 84 | 568 |
| Source | High oleic safflower, soy and coconut oils (0.15% DHA, 0.40% ARA) | | Calcium, mEq | 4.2 | 28.3 |
| Oil Ratio | 40:30:29 | 40:30:29 | Phosphorus, mg | 56 | 379 |
| Linoleic Acid, mg | 1000 | 6763 | Magnesium, mg | 6.0 | 40.6 |
| **Carbohydrate,** g | 11.1 | 75.1 | Iron, mg | 1.8 | 12.2 |
| % Total Cal | 43 | 43 | Zinc, mg | 0.75 | 5.07 |
| Source | Maltodextrin, sugar | | Manganese, mcg | 5 | 34 |
| Ratio | 55:45 | 55:45 | Copper, mcg | 90 | 609 |
| Prebiotic | Galactooligosaccharides | | Iodine, mcg | 9 | 61 |
| **Vitamins** | | | Selenium, mcg | 2 | 14 |
| Vitamin A, IU | 300 | 2029 | Sodium, mg | 30 | 203 |
| Vitamin D, IU | 60 | 406 | Sodium, mEq | 1.3 | 8.8 |
| Vitamin E, IU | 3.0 | 20.3 | Potassium, mg | 107 | 724 |
| Vitamin K, mcg | 8 | 54 | Potassium, mEq | 2.7 | 18.5 |
| Thiamin (Vit $B_1$), mcg | 100 | 676 | Chloride, mg | 65 | 440 |
| Riboflavin (Vit $B_2$), mcg | 150 | 1014 | Chloride, mEq | 1.8 | 12.4 |
| Vitamin $B_6$, mcg | 60 | 406 | **Other Characteristics** | | |
| Vitamin $B_{12}$, mcg | 0.25 | 1.69 | PRSL, mOsm | 19.9 | 134.7 |
| Niacin, mcg | 1050 | 7101 | Water, g | 133 | 899 |
| Folic Acid, mcg | 15 | 101 | Osmolality, mOsm/kg $H_2O$ | 200 | 200 |

C. Cohnii Oil is a source of DHA.
M. Alpina Oil is a source of ARA.

# Pedialyte®

Oral Electrolyte Solution


## Description/Indications

Therapeutic hydration that replenishes vital minerals and nutrients lost during diarrhea and vomiting to help prevent dehydration in infants and children; for maintenance of water and electrolytes following corrective parenteral therapy for diarrhea.

## Features

- Ready to use
- Promotes fluid absorption
- Provides glucose to promote sodium and water absorption
- Helps replenish zinc lost during diarrhea
- Low osmolality
- Unflavored liquid available for young infants
- Kosher, Halal

## Precautions

- No mixing or diluting is necessary or recommended
- Use under medical supervision for the dietary management of dehydration during diarrhea and vomiting

## Availability: Hospital/Institutional

**Custom Feeding System**

**Ready To Use:** (3 Cal/fl oz)

| **2-fl-oz (59-mL) plastic bottle; 48/case** | **List No.** |
|---|---|
| Unflavored | 59892 |

## Ingredients

**Unflavored:** Water, Dextrose. **Less than 2% of:** Potassium Citrate, Salt, Sodium Citrate, Citric Acid and Zinc Gluconate.

NUTRITION INFORMATION

| | 2 fl oz |
|---|---|
| Energy, Cal | 6 |
| Dextrose, g | 1.5 |
| Sodium, mEq | 2.7 |
| Potassium, mEq | 1.2 |
| Chloride, mEq | 2.1 |
| Zinc, mg | 0.5 |
| Osmolality, mOsm/kg $H_2O$ | 250 |

# Similac® 5% Glucose Water

Ready To Feed


## Description/Indications

- For initial or supplemental feeding as directed by physician
- For oral use only
- Kosher, Halal

## Availability

**Custom Feeding System**

| Size | Container | List No. |
|---|---|---|
| 2 fl oz | plastic bottle; 48/case | 51002 |

## Ingredients

Water and dextrose solution.

## Approximate Analysis (wt/vol)

| | | | |
|---|---|---|---|
| Cal/fl oz | 6 | Water | 96.6% |
| Cal/100 mL | 20 | Dextrose | 5.0% |

# Similac® 10% Glucose Water

Ready To Feed


## Description/Indications

- For initial or supplemental feeding as directed by physician
- For oral use only
- Kosher, Halal

## Availability

**Custom Feeding System**

| Size | Container | List No. |
|---|---|---|
| 2 fl oz | plastic bottle; 48/case | 51004 |

## Ingredients

Water and dextrose solution.

## Approximate Analysis (wt/vol)

| | | | |
|---|---|---|---|
| Cal/fl oz | 12 | Water | 93.7% |
| Cal/100 mL | 40 | Dextrose | 10.0% |

# Similac®
# Water (Sterilized)

Ready To Feed


## Description/Indications

- As an initial feeding
- Use as directed by physician
- For oral use only
- Kosher, Halal

## Availability

**Custom Feeding System**

| Size | Container | List No. |
|---|---|---|
| 2 fl oz | plastic bottle; 48/case | 51000 |
| 1 L | reclosable plastic bottle; 8/case | 58037 |

# Nipples


#00079
Infant


#00094
Premature


#50512
Orthodontic


#53894
Slow Flow

## Description/Indications

Provides the flexibility to choose a ready-for-use nipple and ring that match each infant's sucking strength or need.

- **Infant** (latex-free)—for infants with developed sucking strength
- **Premature** (latex-free)—for preterm infants with less developed sucking strength
- **Orthodontic** (contains latex)—for newborn infants, to stimulate oral exercise while feeding
- **Slow Flow** (latex-free)—to support the underdeveloped "suck-swallow-breathe" coordination of preterm infants. Provides a more controlled flow rate vs faster-flow nipples for increased physiological stability and a more efficient sucking pattern[1]

## Features

- Easy to use
- Nipples and rings individually prepackaged and ready for use
- Easy, effective venting system
- Facilitates latching and consistent flow
- Disposable—not for reuse

## Warning

- DO NOT use as a pacifier, as it presents a choking hazard
- DO NOT reuse, as reuse can cause deterioration or separation of the rubber, presenting a choking hazard
- Keep out of reach of children

1. Chang YJ, et al. *J Nurs Res* 2007;15(3):215-223.

## Availability: Hospital/Institutional

**Custom Feeding System**

| Item | Quantity | List No. |
|---|---|---|
| Similac® Infant Nipple & Ring | 250/case | 00079 |
| Similac® Premature Nipple & Ring | 250/case | 00094 |
| Similac® Orthodontic Nipple & Ring | 250/case | 50512 |
| Similac® Slow Flow Nipple & Ring | 250/case | 53894 |

# Similac® CustomFeed™ Breastmilk Storage Bottle

## Description/Indications

Individually packaged (polypropylene) plastic bottle and lid for use when storing breast milk.

## Features

- Ready to use
- Reusable
- Freezable
- Dishwasher safe*
- Individually packed

*Top rack only.

## Availability

**Custom Feeding System**

| Size | Container | List No. |
|---|---|---|
| 60 mL | bottle and lid; 100/case | 64125 |
| 60 mL | bottle and lid; 10/carton | 64381 |

## Instructions for use of the CustomFeed™ Breastmilk Storage Bottle

**Bottles are ready to use and do not require sterilization before first use.**

**First use:**

1. Wash hands and remove bottle from package.
2. Unscrew bottle lid and retain in package for later use.
3. Screw bottle to breast pump and express milk, leaving some empty space at the top of the bottle for milk to expand as it freezes.
4. When finished, unscrew from pump and screw on lid.
5. Label bottle with name, date, and time.
6. Filled bottles should be stored immediately in refrigerator or freezer and used as directed by your health care professional.

**After first use:**

1. Wash bottles and caps in hot, soapy water and rinse thoroughly; or wash in top rack of dishwasher.
2. Your health care professional may recommend that you sterilize bottles before filling them with breast milk.

**Helpful tips:**

- Rinse bottle and cap following use to prevent milk from sticking to bottle.
- When ready to use frozen breast milk, swirl bottle under warm tap water to thaw.
- Feed thawed breast milk right away or refrigerate; do not refreeze.
- WARNING: Never use a microwave oven to thaw or heat milk. Serious burns can result.

# Bottles & Caps


Cleanliness is important. Before preparing and filling bottles, wash your hands thoroughly.

Bottles DO NOT require sterilization before first use. AFTER FIRST USE, follow these directions for preparation and use:

- Wash bottles and caps in hot, soapy water and rinse thoroughly; or wash in top rack of dishwasher.
- Your healthcare professional may recommend that you sterilize bottles before filling them with breast milk.
- Fill bottles with breast milk. Cap and refrigerate or freeze them promptly. If bottles are not filled immediately, replace caps until needed.

Rinse bottle and cap following use to prevent milk from sticking to bottle.

Filled bottles should be stored in refrigerator and used as directed by your healthcare professional. Discard after 72 hours. If breast milk is to be frozen, chill and freeze it immediately after filling bottles. Leave at least a quarter of the bottle as air space, because the milk will expand. Label all bottles with name, date, and time. When ready to use frozen breast milk, swirl bottle under warm tap water to thaw. Feed thawed breast milk right away or refrigerate; do not refreeze.

***WARNING:*** Never use a microwave oven to thaw or heat milk. Serious burns can result.

## Description/Indications

Plastic (polypropylene) bottles designed for use in storing human milk. Standard (40-mm) plastic bottle caps fit on 4-fl-oz human milk storage bottles, the 8-fl-oz plastic bottles, and Volu-Feed® Nurser.

## Features

- Bottles are ready for use—do not require sterilization before first use
- Bottles and caps are food-grade quality
- Dishwasher safe (top rack)
- Packaging material not made with BPA

## Availability

**Custom Feeding System**

| Size | Container | List No. |
|---|---|---|
| **Bottles** | | |
| 4 fl oz | plastic bottle; 3 bottles with caps/bag; 48 bags; 144 bottles/case | 51950 |
| 8 fl oz | plastic bottle; 144/case | 00875 |
| **Bottle Caps** | 250/case | 54080 |

# Volu-Feed®

Volumetric Feeding System


## Description/Indications

Plastic (polypropylene) bottle for use when accurate measurement of feeding intake is needed (for example, with premature and low-birth-weight infants).

## Features

- **Easy to read**
  - Even numbers on one side and odd numbers on the other side
  - Numbers centered on the graduation marks
  - Large, easy-to-read font
- **Easy to write**
  - Large writing panel
- **Lightweight plastic**
  - Packaging material not made with BPA
- **Ready for use** — in a clean-peel blisterpack
  - Nipple ready

## Availability: Hospital/Institutional

**Custom Feeding System**

| Item | Container | List No. |
|---|---|---|
| **Volu-Feed Nurser** | 100/case | 00180 |
| **Volu-Feed Dispensing Caps** | 250/case | 00081 |

# Children

# EleCare® Jr

Amino Acid-Based Medical Food
(For Children Over 1 Year of Age)


## Description/Indications

A **30 Cal/fl oz**, nutritionally complete amino acid-based medical food for children age 1 and older who cannot tolerate intact or hydrolyzed protein. EleCare Jr is for the dietary management of protein maldigestion, malabsorption, severe food allergies, short-bowel syndrome, eosinophilic GI disorders, GI tract impairment, or other conditions in which an amino acid-based diet is required.

- For children age 1 year and older
- For oral or tube feeding

## Features

- Hypoallergenic[1]—virtually eliminating the potential for an allergic reaction to the formula in multiple-food-allergic children*
- Shown to be effective in maintaining growth of children with cow's-milk protein allergy when used as a primary source of calories[1*]
- 100% free amino acids as nitrogen source
- 33% of fat blend as medium-chain triglycerides, an easily digested and well-absorbed fat source
- Supported by strict manufacturing standards and ELISA (Enzyme-linked ImmunoSorbent Assay) testing
- Does not contain milk protein, soy protein, fructose, galactose, lactose, or gluten
- Halal

1. Sicherer SH, et al. *J Pediatr* 2001;138:688-693.

* Study conducted with a previous formulation of EleCare unflavored without DHA/ARA.

## Availability

**Powder:**

**14.1-oz (400-g) can (measuring scoop enclosed); yields 62 fl oz; 6/case**

| Flavor | List No. |
|---|---|
| Unflavored | 55253 |
| Vanilla | 56585 |

## Ingredients

**Unflavored:** Corn Syrup Solids (55%), High Oleic Safflower Oil (9%), Medium-Chain Triglycerides (8%), Soy Oil (7%), L-Glutamine (2%). **Less than 2% of:** L-Asparagine, L-Leucine, DATEM, L-Lysine Acetate, L-Valine, Calcium Phosphate, L-Isoleucine, Potassium Phosphate, L-Arginine, L-Phenylalanine, L-Tyrosine, Potassium Citrate, Sodium Citrate, L-Threonine, L-Proline, L-Serine, L-Alanine, Magnesium Chloride, Glycine, L-Histidine, L-Methionine, Ascorbic Acid, Calcium Carbonate, L-Cystine Dihydrochloride, L-Tryptophan, Magnesium Phosphate, Choline Chloride, m-Inositol, Ferrous Sulfate, Taurine, Ascorbyl Palmitate, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, L-Carnitine, Niacinamide, Salt, Calcium Pantothenate, Manganese Sulfate, Thiamine Chloride Hydrochloride, Cupric Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Beta-Carotene, Biotin, Phylloquinone, Chromium Chloride, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Vitamin $D_3$ and Cyanocobalamin.

Percentages refer to the weight of the ingredient per total product weight.
Vanilla contains Artificial Flavor, Aspartame, Acesulfame K, and Sucralose.

## NUTRITION INFORMATION, UNFLAVORED

| | 100 g powder | 1000 mL |
|---|---|---|
| **Energy,** Cal | 469 | 1014 |
| **Volume,** mL | — | 1000 |
| **Protein Equivalent,** g | 14.3 | 31 |
| % Total Cal | 15† | 15† |
| Source | Free L-amino acids | |
| **Fat,** g | 22.7 | 49.1 |
| % Total Cal | 43 | 43 |
| Source | High oleic safflower oil, medium chain triglycerides, soy oil | |
| Oil Ratio | 39:33:28 | 39:33:28 |
| Linoleic Acid, mg | 3939 | 8520 |
| **Carbohydrate,** g | 49.3 | 106.7 |
| % Total Cal | 42 | 42 |
| Source | Corn syrup solids | |
| **Vitamins** | | |
| Vitamin A, IU | 1280 | 2769 |
| Vitamin A, mcg RE | 384 | 830 |
| Vitamin D, IU | 281 | 608 |
| Vitamin D, mcg | 7.0 | 15.2 |
| Vitamin E, IU | 9.71 | 21 |
| Vitamin K, mcg | 60 | 130 |
| Thiamin (Vit $B_1$), mcg | 985 | 2130 |
| Riboflavin (Vit $B_2$), mcg | 495 | 1070 |
| Vitamin $B_6$, mcg | 393 | 850 |
| Vitamin $B_{12}$, mcg | 2.0 | 4.3 |
| Niacin, mcg | 7878 | 17,040 |
| Folic Acid, mcg | 139 | 300 |
| Pantothenic Acid, mcg | 1974 | 4270 |
| Biotin, mcg | 19.9 | 43 |
| Vitamin C, mg | 42.5 | 92 |
| Choline, mg | 140 | 303 |
| Inositol, mg | 23.6 | 51 |
| **Minerals** | | |
| Calcium, mg | 543 | 1174 |
| Phosphorus, mg | 395 | 854 |
| Magnesium, mg | 74 | 160 |
| Iron, mg | 8.3 | 18 |
| Zinc, mg | 5.4 | 11.7 |
| Manganese, mcg | 601 | 1300 |
| Copper, mcg | 601 | 1300 |
| Iodine, mcg | 41.6 | 90 |
| Selenium, mcg | 12.5 | 27 |
| Chromium, mcg | 10.9 | 23.5 |
| Molybdenum, mcg | 12.3 | 26.5 |
| Sodium, mg | 212 | 459 |
| Sodium, mEq | 9.2 | 20 |
| Potassium, mg | 706 | 1526 |
| Potassium, mEq | 18.0 | 39 |
| Chloride, mg | 281 | 608 |
| Chloride, mEq | 7.9 | 17 |
| **Other Characteristics** | | |
| PRSL, mOsm | 129.7 | 280/L |
| Water, g | — | 839/L |
| Osmolality, mOsm/kg $H_2O$ | — | 590 |

† May ME, et al. *Am J Clin Nutr* 1990;52:770-776.

# PediaSure® Grow & Gain

Complete, Balanced Nutrition®

WIC®-eligible in nearly all 50 states*


## Description/Indications

PediaSure Grow & Gain is a source of Complete, Balanced Nutrition especially designed for children 1 to 13 years of age.

- May be used as the sole source of nutrition or as a supplement
- Formulated for oral feeding; may also be tube fed

## Features

- Clinically proven† to help kids grow[1-5]
- Provides 100% or more of the Dietary Reference Intakes (DRIs) for protein and 25 vitamins and minerals in a complete feeding:
  - In 1000 mL for children 1 to 8 years of age
  - In 1500 mL for children 9 to 13 years of age[6]
- Antioxidants‡ to support the immune system
- DHA omega-3§ for brain and eye health[7]
- Suitable for lactose intolerance and gluten-free
- Kosher, Halal

## Precautions

- Not intended for infants under 1 year of age unless specified by a physician
- Not for children with galactosemia




1. Akram DS, et al. *J Pak Med Assoc*. 2000;50:377-380.
2. Alarcon PA, et al. *Clin Pediatr*. 2003;42:209-217.
3. Fisberg M, et al. *Int Pediatr*. 2002;17:216-222.
4. Morales E, et al. *J Am Diet Assoc*. 1991;91:1233-1238.
5. Ramstack M, et al. *JPEN*. 1991;15:89-92.
6. Cox, JH. *The Newsletter of the Ohio Neonatal Nutritionists.*1997;7(2).
7. Lauritzen L, et al. *Prog Lipid Res.* 2001;40:1-94.


* Excludes Arkansas. WIC is a service mark of the US Department of Agriculture, and an abbreviation for the Special Supplemental Nutrition Program for Women, Infants, and Children. No endorsement of any brand or product by the USDA is implied or intended.

† Studied in children at risk for malnutrition.

‡ Vitamins C & E and selenium.

§ 32 mg of DHA per 8-fl-oz serving.

| Availability | Hospital/ Inst | Hospital/ Inst | Retail | Retail |
|---|---|---|---|---|
| | 8-fl-oz can; 24/case | 8-fl-oz reclosable bottle; 24/case | 8-fl-oz bottle; 6/carton | 8-fl-oz bottle; 16/carton |
| **Ready To Feed** | | | | |
| **Flavor** | **List No.** | **List No.** | **List No.** | **List No.** |
| Vanilla | 55897 | 53581 | 58049 | 62082 |
| Chocolate | 51882 | 53587 | 58058 | — |
| Strawberry | 51880 | 53589 | 58055 | — |
| Banana | 51884 | — | 58052 | — |
| Berry | — | — | 53818 | — |

## Ingredients

**Vanilla:** Water, Corn Maltodextrin, Sugar, Blend of Vegetable Oils (Canola and Corn), Milk Protein Concentrate, Soy Protein Isolate, Nonfat Milk; **Less than 0.5% of:** Natural and Artificial Flavor, Cellulose Gel, Potassium Chloride, Magnesium Phosphate, Calcium Phosphate, Potassium Citrate, Tuna Oil,* Calcium Carbonate, Potassium Phosphate, Choline Chloride, Ascorbic Acid, Monoglycerides, Soy Lecithin, Cellulose Gum, Salt, Carrageenan, Potassium Hydroxide, Inositol, Taurine, Stevia Leaf Extract, Ferrous Sulfate, Monk Fruit Extract, dl-Alpha-Tocopheryl Acetate, L-Carnitine, Zinc Sulfate, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Lutein, Copper Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Biotin, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Vitamin $D_3$ and Vitamin $B_{12}$. **Contains milk and soy ingredients.**

*Source of docosahexaenoic acid (DHA).

## NUTRITION INFORMATION, VANILLA

| | 8 fl oz (237 mL) | 1000 mL¶ | 1500 mL¶ |
|---|---|---|---|
| **Energy,** Cal | 240 | 1000 | 1500 |
| **Protein,** g | 7 | 30 | 44 |
| % Total Cal | 12 | 12 | 12 |
| Source | Milk protein concentrate, soy protein isolate, nonfat milk | | |
| L-Carnitine, mg | 4 | 17 | 25 |
| Taurine, mg | 18 | 76 | 114 |
| **Fat,** g | 9 | 38 | 57 |
| % Total Cal | 34 | 34 | 34 |
| Source | Canola, corn and tuna oils | | |
| Oil Ratio | 75:25# | 75:25# | 75:25# |
| Saturated Fat, g | 1 | 4 | 6 |
| Trans Fat, g | 0 | 0 | 0 |
| Polyunsaturated Fat, g | 2.5 | 10.6 | 15.8 |
| Monounsaturated Fat, g | 4.5 | 19 | 28.5 |
| Cholesterol, mg | 5 | 21 | 31.6 |
| **Carbohydrate,** g | 33 | 139 | 209 |
| % Total Cal | 54 | 54 | 54 |
| Source | Corn maltodextrin, sugar | | |
| Ratio | 60:40** | 60:40** | 60:40** |
| Sugars, g | 12 (14 Choc.) | 50.6 | 76 |
| Dietary Fiber, g | <1 | <4 | <6 |
| **Vitamins** | | | |
| Vitamin A, IU | 500 | 2110 | 3165 |
| Vitamin D, IU | 160 | 675 | 1013 |
| Vitamin E, IU | 6 | 25 | 38 |
| Vitamin K, mcg | 16 | 68 | 101 |
| Vitamin C, mg | 24 | 101 | 152 |
| Folic Acid (Folacin), mcg | 60 | 253 | 380 |
| Thiamin (Vit $B_1$), mg | 0.6 | 2.5 | 3.8 |
| Riboflavin (Vit $B_2$), mg | 0.5 | 2.1 | 3.2 |
| Vitamin $B_6$, mg | 0.6 | 2.5 | 3.8 |
| Vitamin $B_{12}$, mcg | 1.5 | 6.3 | 9.5 |
| Niacin, mg | 2 | 8.4 | 12.7 |
| Choline, mg | 83 | 350 | 525 |
| Biotin, mcg | 45 | 190 | 285 |
| Pantothenic Acid, mg | 2.5 | 10.5 | 15.8 |
| Inositol, mg | 20 | 84 | 127 |
| **Minerals** | | | |
| Calcium, mg | 250 | 1055 | 1582 |
| Calcium, mEq | 12.5 | 53 | 79 |
| Phosphorus, mg | 200 | 844 | 1266 |
| Magnesium, mg | 40 | 169 | 253 |
| Iron, mg | 2.7 | 11 | 17 |
| Zinc, mg | 1.5 | 6.3 | 9.5 |
| Manganese, mg | 0.4 | 1.7 | 2.5 |
| Copper, mg | 0.2 | 0.8 | 1.3 |
| Iodine, mcg | 23 | 97 | 146 |
| Selenium, mcg | 7 | 30 | 44 |
| Chromium, mcg | 12 | 51 | 76 |
| Molybdenum, mcg | 7.5 | 32 | 47 |
| Sodium, mg | 90 | 380 | 570 |
| Sodium, mEq | 3.9 | 17 | 25 |
| Potassium, mg | 350 (380 Choc.) | 1477 | 2215 |
| Potassium, mEq | 9 | 37.8 | 56.7 |
| Chloride, mg | 270 | 1139 | 1709 |
| Chloride, mEq | 7.6 | 32 | 48 |
| **Other Characteristics** | | | |
| PRSL, mOsm | 67 | 283 (285 Choc.) | 424 |
| Water, g | 200 | 844 | 1266 |
| Osmolality, mOsm/kg $H_2O$ | 450 (440 Choc.) | 450 (440 Choc.) | 450 (440 Choc.) |

¶ Values extrapolated from 8 fl oz.

# Refers to major contributing fat ingredients.

** Chocolate ratio is 67:33.

# PediaSure® Grow & Gain Shake Mix

Complete, Balanced Nutrition®


## Description/Indications

PediaSure Grow & Gain Shake Mix provides a source of Complete, Balanced Nutrition when mixed with milk; for children 2 to 13 years of age.

- **Not intended for sole source nutrition**; may be used as a supplement
- Formulated for oral feeding; not intended for tube feeding

## Features

- 26 essential vitamins and minerals*
- 12 g of protein per serving*
- Antioxidants† to support the immune system
- Customizable with fresh ingredients
- Gluten-free; suitable for lactose intolerance‡
- Kosher, Halal

* When mixed with 3/4 cup of 1% milk.
† Vitamins C & E and selenium.
‡ When mixed with lactose-free milk.

## Precautions

- Use according to package directions
- Consult healthcare professional for use with children under 2 years of age
- Not for children with galactosemia

## Instructions for Use

- To prepare, pour 3/4 cup of cold milk into glass. Gradually stir in 1/3 cup of PediaSure Grow & Gain Shake Mix until dissolved
- For flavor variety: you may add chocolate or strawberry syrup or fresh fruits and vegetables. Visit PediaSure.com for more recipe ideas including smoothies and kid-friendly foods
- Once mixed, the shake should be used or refrigerated within 24 hours
- Once opened, store powder in a cool, dry place and use contents within 3 weeks
- Maximum number of daily servings (serving size is 1/3 cup): 2 to 3 years – 1 serving; 4 to 8 years – 2 servings; 9 to 13 years – 3 servings

## Availability: Retail

**14-oz (397-g) can; 6/case**
**Servings per container: 10**

| Flavor | List No. |
|---|---|
| Vanilla | 63343 |

## Ingredients

**Powder:** Corn Syrup, Corn Maltodextrin, Sugar, Corn Oil, Sodium and Calcium Caseinates, Soy Protein Isolate, Artificial Flavor, Potassium Citrate, Magnesium Chloride, Calcium Phosphate, Sodium Citrate, Potassium Chloride, Soy Lecithin, Ascorbic Acid, Choline Chloride, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Ferrous Sulfate, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin and Vitamin $D_3$. **Contains milk and soy ingredients.**

### NUTRITION INFORMATION, VANILLA

| | Mix (%DV[§]) | As prepared per serving (%DV[§])["] |
|---|---|---|
| **Serving Size** | 1/3 cup (38 g) | 1/3 cup powder + 3/4 cup 1% milk |
| **Energy,** kcal | 170 | 240 |
| **Protein,** g | 6 (12%) | 12 (24%) |
| % Total Cal | 14 | 19 |
| Source | Sodium and calcuim caseinates, soy protein isolate | |
| **Fat,** g | 6 (9%) | 8 (12%) |
| % Total Cal | 32 | 29 |
| Source | Corn oil | |
| Saturated Fat, g | 1 (5%) | 2 (11%) |
| Trans Fat, g | 0 | 0 |
| Cholesterol, mg | <5 (<2%) | 10 (3%) |
| **Carbohydrate,** g | 23 (8%) | 32 (11%) |
| % Total Cal | 54 | 52 |
| Source | Corn syrup, corn maltodextrin, sugar | |
| Sugars, g | 9 | 18 |
| **Vitamins** | | |
| Vitamin A, IU | 500 (10%) | 750 (15%) |
| Vitamin D, IU | 40 (10%) | 120 (30%) |
| Vitamin E, IU | 3 (10%) | 3 (10%) |
| Vitamin K, mcg | 8 (10%) | 8 (10%) |
| Vitamin C, mg | 24 (40%) | 24 (40%) |
| Folic Acid (Folacin), mcg | 60 (15%) | 80 (20%) |
| Thiamin (Vit $B_1$), mg | 0.2 (15%) | 0.3 (20%) |
| Riboflavin (Vit $B_2$), mg | 0.3 (15%) | 0.6 (35%) |
| Vitamin $B_6$, mg | 0.3 (15%) | 0.4 (20%) |
| Vitamin $B_{12}$, mcg | 0.9 (15%) | 1.8 (30%) |
| Niacin, mg | 3.0 (15%) | 4 (20%) |
| Choline, mg | 46 (8%) | 69 (12%) |
| Biotin, mcg | 45 (15%) | 45 (15%) |
| Pantothenic Acid, mg | 1.5 (15%) | 2.5 (25%) |
| **Minerals** | | |
| Calcium, mg | 100 (100%) | 350 (35%) |
| Calcium, mEq | 2.5 | 8.7 |
| Phosphorus, mg | 60 (6%) | 250 (25%) |
| Magnesium, mg | 24 (6%) | 40 (10%) |
| Iron, mg | 1.8 (10%) | 1.8 (10%) |
| Zinc, mg | 1.5 (10%) | 2.3 (15%) |
| Manganese, mg | 0.4 (20%) | 0.4 (20%) |
| Copper, mg | 0.2 (10%) | 0.2 (10%) |
| Iodine, mcg | 15 (10%) | 83 (55%) |
| Selenium, mcg | 7 (10%) | 11 (15%) |
| Chromium, mcg | 12 (10%) | 12 (10%) |
| Molybdenum, mcg | 11 (15%) | 11 (15%) |
| Sodium, mg | 125 (6%) | 210 (9%) |
| Sodium, mEq | 5.5 | 9.1 |
| Potassium, mg | 230 (6%) | 500 (15%) |
| Potassium, mEq | 6 | 13 |
| Chloride, mg | 136 (4%) | 136 (4%) |
| Chloride, mEq | 5.1 | 5.1 |

[§] Percent Daily Values (%DV) are based on a 2,000-calorie diet.

[" ] USDA National Nutrient Database for Standard Reference, Release 26: Basic Report 01082, Milk, lowfat, fluid, 1% milkfat, with added vitamin A and vitamin D. Available at http://ndb.nal.usda.gov/ndb/foods/show/75. Accessed January 26, 2017.

# PediaSure® Grow & Gain with Fiber

Complete, Balanced Nutrition®

NutraFlora


## Description/Indications

PediaSure Grow & Gain with Fiber is a source of Complete, Balanced Nutrition especially designed for children 1 to 13 years of age.

- May be used as the sole source of nutrition or as a supplement
- Formulated for oral feeding; may also be tube fed

## Features

- Clinically proven† to help kids grow[1-5]
- Good source of fiber‡ to help maintain regularity
- Provides 100% or more of the Dietary Reference Intakes (DRIs) for protein and 25 vitamins and minerals in a complete feeding:
  - In 1000 mL for children 1 to 8 years of age
  - In 1500 mL for children 9 to 13 years of age[6]
- Antioxidants§ to support the immune system
- DHA omega-3‖ for brain and eye health[7]
- Suitable for lactose intolerance and gluten-free
- Kosher, Halal

## Precautions

- Not intended for infants under 1 year of age unless specified by a physician
- Not for children with galactosemia


1. Akram DS, et al. *J Pak Med Assoc*. 2000;50:377-380.
2. Alarcon PA, et al. *Clin Pediatr*. 2003;42:209-217.
3. Fisberg M, et al. *Int Pediatr*. 2002;17:216-222.
4. Morales E, et al. *J Am Diet Assoc*. 1991;91:1233-1238.
5. Ramstack M, et al. *JPEN*. 1991;15:89-92.
6. Cox, JH. *The Newsletter of the Ohio Neonatal Nutritionists*.1997;7(2).
7. Lauritzen L, et al. *Prog Lipid Res*. 2001;40:1-94.


† Studied in children at risk for malnutrition.

‡ Contains 9 grams of total fat per serving.

§ Vitamins C & E and selenium.

‖ 32 mg of DHA per 8-fl-oz serving.



## Availability: Hospital/Institutional

| 8-fl-oz cans; 24/case | List No. |
|---|---|
| **Flavor** | |
| Vanilla | 58220 |
| **8-fl-oz reclosable bottles; 24/case** | |
| Vanilla | 53585 |

## Availability: Retail

**8-fl-oz bottles; 6/carton**

| Flavor | |
|---|---|
| Vanilla | 58061 |
| Strawberry | 56368 |

## Ingredients

**Vanilla:** Water, Sugar, Corn Maltodextrin, Milk Protein Concentrate, High Oleic Safflower Oil, Canola Oil, Short-Chain Fructooligosaccharides, Soy Protein Isolate, Soy Fiber. **Less than 0.5% of:** Natural & Artificial Flavor, Potassium Citrate, Magnesium Phosphate, Potassium Chloride, Calcium Phosphate, Calcium Carbonate, Tuna Oil,¶ Potassium Phosphate, Salt, Choline Chloride, Ascorbic Acid, Soy Lecithin, Monoglycerides, Carrageenan, Potassium Hydroxide, m-Inositol, Taurine, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, L-Carnitine, Zinc Sulfate, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Lutein, Cupric Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Biotin, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Vitamin $D_3$, and Cyanocobalamin. **Contains milk and soy ingredients.**

¶ Source of docosahexaenoic acid (DHA).

## NUTRITION INFORMATION, VANILLA

| | 8 fl oz (237 mL) | 1000 mL# | 1500 mL# |
|---|---|---|---|
| **Energy,** Cal | 240 | 1000 | 1500 |
| **Protein,** g | 7 | 30 | 44 |
| % Total Cal | 12 | 12 | 12 |
| Source | Milk protein concentrate, soy protein isolate | | |
| L-Carnitine, mg | 4 | 17 | 25 |
| Taurine, mg | 18 | 76 | 114 |
| **Fat,** g | 9 | 38 | 57 |
| % Total Cal | 34 | 34 | 34 |
| Source | High oleic safflower oil, canola and tuna oils | | |
| Oil Ratio | 65:35 | 65:35 | 65:35 |
| Saturated Fat, g | 1 | 4 | 6 |
| Trans Fat, g | 0 | 0 | 0 |
| Polyunsaturated Fat, g | 2 | 6.3 | 9.5 |
| Monounsaturated Fat, g | 6 | 25.3 | 38 |
| Cholesterol, mg | 5 | 20 | 30 |
| **Carbohydrate,** g | 33 | 139 | 209 |
| % Total Cal | 54 | 54 | 54 |
| Source | Sugar, corn maltodextrin, scFOS¨ | | |
| Ratio | 60:40†† | 60:40†† | 60:40†† |
| Sugars, g | 18 | 76 | 114 |
| Dietary Fiber, g | 3 | 13 | 19 |
| scFOS, g | 1.8 | 7.5 | 11 |
| **Vitamins** | | | |
| Vitamin A, IU | 500 | 2110 | 3165 |
| Vitamin D, IU | 160 | 675 | 1013 |
| Vitamin E, IU | 6 | 25 | 38 |
| Vitamin K, mcg | 16 | 68 | 101 |
| Vitamin C, mg | 24 | 101 | 152 |
| Folic Acid (Folacin), mcg | 60 | 253 | 380 |
| Thiamin (Vit $B_1$), mg | 0.6 | 2.5 | 3.8 |
| Riboflavin (Vit $B_2$), mg | 0.5 | 2.1 | 3.2 |

| | 8 fl oz (237 mL) | 1000 mL# | 1500 mL# |
|---|---|---|---|
| Vitamin $B_6$, mg | 0.6 | 2.5 | 3.8 |
| Vitamin $B_{12}$, mcg | 1.5 | 6.3 | 9.5 |
| Niacin, mg | 2 | 8.4 | 12.7 |
| Choline, mg | 83 | 350 | 525 |
| Biotin, mcg | 45 | 190 | 285 |
| Pantothenic Acid, mg | 2.5 | 10.5 | 15.8 |
| Inositol, mg | 20 | 84 | 127 |
| **Minerals** | | | |
| Calcium, mg | 250 | 1055 | 1582 |
| Calcium, mEq | 12.5 | 53 | 79 |
| Phosphorus, mg | 200 | 844 | 1266 |
| Magnesium, mg | 40 | 169 | 253 |
| Iron, mg | 2.7 | 11 | 17 |
| Zinc, mg | 1.5 | 6.3 | 9.5 |
| Manganese, mg | 0.4 | 1.7 | 2.5 |
| Copper, mg | 0.2 | 0.8 | 1.3 |
| Iodine, mcg | 23 | 97 | 146 |
| Selenium, mcg | 7 | 30 | 44 |
| Chromium, mcg | 12 | 51 | 76 |
| Molybdenum, mcg | 7.5 | 32 | 47 |
| Sodium, mg | 90 | 380 | 570 |
| Sodium, mEq | 3.9 | 17 | 25 |
| Potassium, mg | 350 | 1477 | 2215 |
| Potassium, mEq | 7.9 | 33 | 50 |
| Chloride, mg | 270 | 1139 | 1709 |
| Chloride, mEq | 7.6 | 32 | 48 |
| **Other Characteristics** | | | |
| PRSL, mOsm | 67 | 283 | 424 |
| Water, g | 200 | 844 | 1266 |
| Osmolality, mOsm/kg $H_2O$ | 490 | 490 | 490 |

# Values extrapolated from 8 fl oz.

¨ scFOS = short-chain fructooligosaccharides.

†† Refers to major contributing carbohydrate ingredients.

# PediaSure SideKicks® 0.63 Cal

Complete, Balanced Nutrition® for children with lower calorie needs

# PediaSure SideKicks®

Nutrition support for an uneven diet

NutraFlora


## Description/Indications

All the nutrition of base PediaSure® with fewer calories and less fat.*

- For oral use for children requiring a lower calorie supplement
- For tube feeding for children requiring a lower calorie complete feeding

## Features

- Provides 100% or more of the Dietary Reference Intakes (DRIs) for protein and 25 vitamins and minerals in a complete feeding:
  - In 1000 mL for children 1 to 8 years of age
  - In 1500 mL for children 9 to 13 years of age[1]
- Antioxidants† to support the immune system
- Good source of prebiotic fiber for digestive health
- Suitable for lactose intolerance and gluten-free‡
- Kosher, Halal

## Precautions

- Not intended for infants under 1 year of age unless specified by a physician

1. Cox, JH. *The Newsletter of the Ohio Neonatal Nutritionists.*1997;7(2).

* 35% less calories (150 vs 240) and 40% less fat (5 vs 9 g) for PediaSure SideKicks vs base PediaSure per 8-fl-oz serving.

† Vitamins C & E and selenium.

‡ Not for children with galactosemia.



## Availability: Hospital/Institutional

**Ready To Drink** (0.63 Cal)
**8-fl-oz bottle; 24/case**

| Flavor | List No. |
|---|---|
| Vanilla | 56523 |

## Availability: Retail

**Ready To Drink**
**8-fl-oz bottle; 6/carton**

| Flavor | List No. |
|---|---|
| Vanilla | 62486 |
| Chocolate | 62484 |
| Strawberry | 62482 |

## Ingredients

**Vanilla (0.63 Cal):** Water, Sugar, Milk Protein Concentrate, Soy Oil, Short-Chain Fructooligosaccharides, Soy Protein Isolate. **Less than 0.5% of:** Cellulose Gel, Whey Protein Concentrate, Potassium Citrate, Natural and Artificial Flavor, Potassium Chloride, Magnesium Phosphate, Calcium Phosphate, Salt, Potassium Phosphate, Calcium Carbonate, Cellulose Gum, Choline Chloride, Ascorbic Acid, Carrageenan, Soy Lecithin, Monoglycerides, Potassium Hydroxide, m-Inositol, Taurine, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, L-Carnitine, Zinc Sulfate, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Cupric Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Biotin, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Vitamin $D_3$ and Cyanocobalamin. **Contains milk and soy ingredients.**

### NUTRITION INFORMATION, VANILLA (0.63 Cal)

| | 8 fl oz (237 mL) | 1000 mL§ | 1500 mL§ |
|---|---|---|---|
| **Energy,** Cal | 150 | 633 | 949 |
| **Protein,** g | 7 | 30 | 44 |
| % Total Cal | 19 | 19 | 19 |
| Source | Milk protein concentrate, soy protein isolate, whey protein concentrate | | |
| L-Carnitine, mg | 4 | 17 | 25 |
| Taurine, mg | 18 | 76 | 114 |
| **Fat,** g | 5 | 21 | 32 |
| % Total Cal | 30 | 30 | 30 |
| Source | Soy oil | | |
| Saturated Fat, g | 1 | 4 | 6 |
| Trans Fat, g | 0 | 0 | 0 |
| Polyunsaturated Fat, g | 3 | 13 | 20 |
| Monounsaturated Fat, g | 1 | 4 | 6 |
| Cholesterol, mg | <5 | 20 | 30 |
| **Carbohydrate,** g | 21 | 89 | 133 |
| % Total Cal | 51 | 51 | 51 |
| Source | Sugar, scFOS" | | |
| Ratio | 100¶ | 100¶ | 100¶ |
| Sugars, g | 17 | 72 | 108 |
| Dietary Fiber, g | 3 | 13 | 19 |
| scFOS, g | 2.4 | 10 | 15 |
| **Vitamins** | | | |
| Vitamin A, IU | 500 | 2110 | 3165 |
| Vitamin D, IU | 160 | 675 | 1013 |
| Vitamin E, IU | 6 | 25 | 38 |
| Vitamin K, mcg | 16 | 68 | 101 |
| Vitamin C, mg | 24 | 101 | 152 |
| Folic Acid (Folacin), mcg | 60 | 253 | 380 |
| Thiamin (Vit $B_1$), mg | 0.6 | 2.5 | 3.8 |
| Riboflavin (Vit $B_2$), mg | 0.5 | 2.1 | 3.2 |
| Vitamin $B_6$, mg | 0.6 | 2.5 | 3.8 |
| Vitamin $B_{12}$, mcg | 1.5 | 6.3 | 9.5 |
| Niacin, mg | 2.0 | 8.4 | 12.7 |
| Choline, mg | 83 | 350 | 525 |
| Biotin, mcg | 45 | 190 | 285 |
| Pantothenic Acid, mg | 2.5 | 10.5 | 15.8 |
| Inositol, mg | 20 | 84 | 127 |
| **Minerals** | | | |
| Calcium, mg | 250 | 1055 | 1582 |
| Calcium, mEq | 12.5 | 53 | 79 |
| Phosphorus, mg | 200 | 844 | 1266 |
| Magnesium, mg | 40 | 169 | 253 |
| Iron, mg | 2.7 | 11 | 17 |
| Zinc, mg | 1.5 | 6.3 | 9.5 |
| Manganese, mg | 0.4 | 1.7 | 2.5 |
| Copper, mg | 0.2 | 0.8 | 1.3 |
| Iodine, mcg | 23 | 97 | 146 |
| Selenium, mcg | 7 | 30 | 44 |
| Chromium, mcg | 12 | 51 | 76 |
| Molybdenum, mcg | 7.5 | 32 | 47 |
| Sodium, mg | 90 | 380 | 570 |
| Sodium, mEq | 3.9 | 16.5 | 24.7 |
| Potassium, mg | 390 (420 Choc.) | 1646 (1772 Choc.) | 2468 (2658 Choc.) |
| Potassium, mEq | 10 (10.8 Choc.) | 42 (45 Choc.) | 63 (68 Choc.) |
| Chloride, mg | 270 | 1139 | 1709 |
| Chloride, mEq | 7.6 | 32 | 48 |
| **Other Characteristics** | | | |
| PRSL, mOsm | 68 | 287 | 430 |
| Water, g | 212 | 895 | 1342 |
| Osmolality, mOsm/kg $H_2O$ | 420 | 420 | 420 |

§ Values extrapolated from 8 fl oz. " scFOS = short-chain fructooligosaccharides. ¶ Refers to major contributing carbohydrate ingredients.

# PediaSure® Enteral Formula 1.0 Cal

Complete, Balanced Nutrition®


## Description/Indications

PediaSure Enteral Formula 1.0 Cal is a source of Complete, Balanced Nutrition especially designed for tube feeding children 1 to 13 years of age.

- May be used as the sole source of nutrition or as a supplement
- Formulated for tube feeding

## Features

- Milk-based, complete, balanced nutrition
- 1.0 Cal per mL, 240 Cal per 8 fl oz, from a balanced distribution of protein, fat, and carbohydrate
- Meets or exceeds 100% of the DRIs for protein and 25 essential vitamins and minerals in 1000 mL for children ages 1 to 8 and in 1500 mL for children ages 9 to 13
- Good source of antioxidants* to support the immune system
- Vanilla flavor
- Gluten-free, suitable for lactose intolerance,† low-residue
- Kosher, Halal

* Vitamins C & E and selenium.
† Not for children with galactosemia.

## Precaution

- Not intended for infants under 1 year of age unless specified by a physician

## Availability

**8-fl-oz can; 24/case**

| Flavor | List No. |
|---|---|
| Vanilla | 51804 |

## Ingredients

Water, Corn Maltodextrin, Milk Protein Concentrate, Sugar, High Oleic Safflower Oil, Soy Oil, Medium-chain Triglycerides. **Less than 0.5% of:** Potassium Citrate, Natural and Artificial Flavor, Magnesium Phosphate, Cellulose Gel, Salt, Potassium Chloride, Calcium Phosphate, Potassium Phosphate, Choline Chloride, Soy Lecithin, Monoglycerides, Carrageenan, Ascorbic Acid, Cellulose Gum, m-Inositol, Taurine, Potassium Hydroxide, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, L-Carnitine, Zinc Sulfate, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Cupric Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Biotin, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Vitamin $D_3$ and Cyanocobalamin. **Contains milk and soy ingredients.**

## NUTRITION INFORMATION

| | 8 fl oz (237 mL) | 1000 mL‡ | 1500 mL‡ |
|---|---|---|---|
| **Energy,** Cal | 240 | 1000 | 1500 |
| **Protein,** g | 7 | 30 | 44 |
| % Total Cal | 12 | 12 | 12 |
| Source | Milk protein concentrate | | |
| L-Carnitine, mg | 4 | 17 | 25 |
| Taurine, mg | 18 | 76 | 114 |
| **Fat,** g | 9 | 38 | 57 |
| % Total Cal | 34 | 34 | 34 |
| Source | High oleic safflower and soy oils, medium chain triglycerides | | |
| Oil Ratio | 43:42:15 | 43:42:15 | 43:42:15 |
| Saturated Fat, g | 3 | 13 | 19 |
| Trans Fat, g | 0 | 0 | 0 |
| Cholesterol, mg | 5 | 21 | 32 |
| **Carbohydrate,** g | 33 | 139 | 209 |
| % Total Cal | 54 | 54 | 54 |
| Source | Corn maltodextrin, sugar | | |
| Ratio | 86:14 | 86:14 | 86:14 |
| Sugars, g | 7 | 29 | 44 |
| **Vitamins** | | | |
| Vitamin A, IU | 500 | 2110 | 3165 |
| Vitamin D, IU | 160 | 675 | 1013 |
| Vitamin E, IU | 6 | 25 | 38 |
| Vitamin K, mcg | 16 | 68 | 101 |
| Vitamin C, mg | 24 | 101 | 152 |
| Folic Acid (Folacin), mcg | 60 | 253 | 380 |
| Thiamin (Vit $B_1$), mg | 0.6 | 2.5 | 3.8 |
| Riboflavin (Vit $B_2$), mg | 0.5 | 2.1 | 3.2 |
| Vitamin $B_6$, mg | 0.6 | 2.5 | 3.8 |
| Vitamin $B_{12}$, mcg | 1.5 | 6 | 9 |

| | 8 fl oz (237 mL) | 1000 mL‡ | 1500 mL‡ |
|---|---|---|---|
| Niacin, mg | 2 | 8.4 | 12.7 |
| Choline, mg | 83 | 350 | 525 |
| Biotin, mcg | 45 | 190 | 285 |
| Pantothenic Acid, mg | 2.5 | 10.5 | 15.8 |
| Inositol, mg | 20 | 84 | 127 |
| **Minerals** | | | |
| Calcium, mg | 250 | 1055 | 1582 |
| Calcium, mEq | 12.5 | 53 | 79 |
| Phosphorus, mg | 200 | 844 | 1266 |
| Magnesium, mg | 40 | 169 | 253 |
| Iron, mg | 2.7 | 11.4 | 17.1 |
| Zinc, mg | 1.5 | 6.3 | 9.5 |
| Manganese, mg | 0.4 | 2 | 3 |
| Copper, mg | 0.2 | 0.8 | 1.3 |
| Iodine, mcg | 23 | 97 | 146 |
| Selenium, mcg | 7 | 30 | 44 |
| Chromium, mcg | 12 | 51 | 76 |
| Molybdenum, mcg | 7.5 | 32 | 47 |
| Sodium, mg | 90 | 380 | 570 |
| Sodium, mEq | 3.9 | 17 | 25 |
| Potassium, mg | 310 | 1308 | 1962 |
| Potassium, mEq | 7.9 | 33 | 50 |
| Chloride, mg | 270 | 1139 | 1709 |
| Chloride, mEq | 7.6 | 32 | 48 |
| **Other Characteristics** | | | |
| PRSL, mOsm | 66 | 278 | 417 |
| Water, g | 200 | 844 | 1266 |
| Osmolality, mOsm/kg $H_2O$ | 340 | 340 | 340 |

‡ Values extrapolated from 8 fl oz.

# PediaSure® Enteral Formula 1.0 Cal with Fiber

Complete, Balanced Nutrition®

NutraFlora


From PediaSure #1 Pediatrician Recommended Brand

## Description/Indications

PediaSure Enteral Formula 1.0 Cal with Fiber is a source of Complete, Balanced Nutrition especially designed for tube feeding children 1 to 13 years of age.

- May be used as the sole source of nutrition or as a supplement
- Specially formulated for tube feeding

## Features

- Milk-based, complete, balanced nutrition
- 1.0 Cal per mL, 240 Cal per 8 fl oz, from a balanced distribution of protein, fat, and carbohydrate
- Meets or exceeds 100% of the DRIs for protein and 25 essential vitamins and minerals in 1000 mL for children ages 1 to 8 and in 1500 mL for children ages 9 to 13
- Blend of soluble and insoluble fibers and short-chain fructooligosaccharides at a level that is well tolerated by children
- Prebiotics designed to support digestive tract health[1-3]
- Antioxidants* to help support the immune system
- Gluten-free, suitable for lactose intolerance†
- Kosher, Halal

## Precaution

- Not intended for infants under 1 year of age unless specified by a physician

1. Bornet FR, et al. *Nutr Rev* 2002;60:326-334.
2. Tokunaga T, et al. *Bifidus* 1993;6:143-150.
3. Hidaka H, et al. *Bifidobact Microflora* 1986;5:37-50.

* Vitamins C & E and selenium.

† Not for children with galactosemia.



## Availability

**8-fl-oz can; 24/case**

| Flavor | List No. |
|---|---|
| Vanilla | 51806 |

**Ready To Hang**

**1000-mL prefilled containers; 8/case**

| Flavor | List No. |
|---|---|
| Vanilla | 62727 |

## Ingredients

Water, Corn Maltodextrin, Milk Protein Concentrate, Sugar, High Oleic Safflower Oil, Soy Oil, Short-chain Fructooligosaccharides, Medium-chain Triglycerides. **Less than 0.5% of:** Oat Fiber, Soy Fiber, Natural and Artificial Flavor, Potassium Citrate, Magnesium Phosphate, Potassium Chloride, Gum Arabic, Calcium Phosphate, Cellulose Gel, Salt, Ascorbic Acid, Cellulose Gum, Potassium Phosphate, Soy Lecithin, Choline Chloride, Monoglycerides, Carrageenan, Potassium Hydroxide, m-Inositol, Taurine, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, L-Carnitine, Zinc Sulfate, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Cupric Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Biotin, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Vitamin $D_3$ and Cyanocobalamin. **Contains milk and soy ingredients.**

## NUTRITION INFORMATION

| | 8 fl oz (237 mL) | 1000 mL‡ | 1500 mL‡ |
|---|---|---|---|
| **Energy,** Cal | 240 | 1000 | 1500 |
| **Protein,** g | 7 | 30 | 44 |
| % Total Cal | 12 | 12 | 12 |
| Source | Milk protein concentrate | | |
| L-Carnitine, mg | 4 | 17 | 25 |
| Taurine, mg | 18 | 76 | 114 |
| **Fat,** g | 9 | 38 | 57 |
| % Total Cal | 34 | 34 | 34 |
| Source | High oleic safflower and soy oils, medium chain triglycerides | | |
| Oil Ratio | 43:42:15 | 43:42:15 | 43:42:15 |
| Cholesterol, mg | 5 | 20 | 30 |
| **Carbohydrate,** g | 34 | 143 | 214 |
| % Total Cal | 54 | 54 | 54 |
| Source | Corn maltodextrin, sugar, scFOS§ | | |
| Ratio | 86:14" | 86:14" | 86:14" |
| Sugars, g | 7 | 29 | 44 |
| Dietary Fiber, g | 3 | 13 | 19 |
| scFOS, g | 1.5 | 6.5 | 10 |
| **Vitamins** | | | |
| Vitamin A, IU | 500 | 2110 | 3165 |
| Vitamin D, IU | 160 | 675 | 1013 |
| Vitamin E, IU | 6 | 25 | 38 |
| Vitamin K, mcg | 16 | 68 | 101 |
| Vitamin C, mg | 24 | 101 | 152 |
| Folic Acid (Folacin), mcg | 60 | 253 | 380 |
| Thiamin (Vit $B_1$), mg | 0.6 | 2.5 | 3.8 |
| Riboflavin (Vit $B_2$), mg | 0.5 | 2.1 | 3.2 |
| Vitamin $B_6$, mg | 0.6 | 2.5 | 3.8 |
| Vitamin $B_{12}$, mcg | 1.5 | 6.3 | 9.5 |
| Niacin, mg | 2 | 8.4 | 12.7 |
| Choline, mg | 83 | 350 | 525 |
| Biotin, mcg | 45 | 190 | 285 |
| Pantothenic Acid, mg | 2.5 | 11 | 16 |
| Inositol, mg | 20 | 84 | 127 |
| **Minerals** | | | |
| Calcium, mg | 250 | 1055 | 1582 |
| Calcium, mEq | 12.5 | 53 | 79 |
| Phosphorus, mg | 200 | 844 | 1266 |
| Magnesium, mg | 40 | 169 | 253 |
| Iron, mg | 2.7 | 11 | 17 |
| Zinc, mg | 1.5 | 6.3 | 9.5 |
| Manganese, mg | 0.4 | 1.7 | 2.5 |
| Copper, mg | 0.2 | 0.8 | 1.3 |
| Iodine, mcg | 23 | 97 | 146 |
| Selenium, mcg | 7 | 30 | 44 |
| Chromium, mcg | 12 | 51 | 76 |
| Molybdenum, mcg | 7.5 | 32 | 47 |
| Sodium, mg | 90 | 380 | 570 |
| Sodium, mEq | 3.9 | 16.5 | 24.7 |
| Potassium, mg | 310 | 1310 | 1965 |
| Potassium, mEq | 7.9 | 33 | 50 |
| Chloride, mg | 270 | 1140 | 1710 |
| Chloride, mEq | 7.6 | 32 | 48 |
| **Other Characteristics** | | | |
| PRSL, mOsm | 66 | 278 | 417 |
| Water, g | 200 | 845 | 1266 |
| Osmolality, mOsm/kg $H_2O$ | 350 | 350 | 350 |

‡ Values extrapolated from 8 fl oz. § scFOS = short-chain fructooligosaccharides. " Refers to major contributing carbohydrate ingredients.

# PediaSure®
# 1.5 Cal

Complete, Balanced Nutrition®


## Description/Indications

PediaSure 1.5 Cal is a higher* caloric density product designed to meet the energy requirements of pediatric patients who are at risk for malnutrition, require a higher caloric density, or have fluid restrictions. PediaSure 1.5 Cal provides a source of Complete, Balanced Nutrition for children 1 to 13 years of age.

- May be used as the sole source of nutrition or as a supplement
- Formulated for oral or tube feeding

## Features

- Meets or exceeds 100% of the DRIs for protein and 25 essential vitamins and minerals in 1000 mL for children ages 1 to 8 and in 1500 mL for children ages 9 to 13
- Excellent source of high-quality protein designed to meet the acceptable macronutrient distribution range of protein for children ages 1 to 13
- DHA omega-3† to support brain and eye health[1]
- Good source of antioxidants‡ to support the immune system
- Meets 100% of the 2011 updated Dietary Reference Intake (DRI) values for calcium and vitamin D for children 1 to 8 years of age in 1000 mL and for children 9 to 13 years of age in 1500 mL
- Gluten-free, suitable for lactose intolerance,§ low-residue
- Kosher, Halal

## Precaution

- Not intended for infants under 1 year of age unless specified by a physician

1. Lauritzen L, et al. *Prog Lipid Res.* 2001;40:1-94.

* Caloric value is 1.5 Cal/mL compared to base PediaSure® at 1.0 Cal/mL.

† 32 mg of DHA per 8-fl-oz serving.

‡ Vitamins C & E and selenium.

§ Not for children with galactosemia.

## Availability

**8-fl-oz can; 24/case**

| Flavor | List No. |
|---|---|
| Vanilla | 56409 |

## Ingredients

Water, Corn Maltodextrin, Milk Protein Concentrate, High Oleic Safflower Oil, Soy Oil, Medium-chain Triglycerides. **Less than 0.5% of:** Natural and Artificial Flavor, Potassium Citrate, Cellulose Gel, Magnesium Phosphate, Potassium Chloride, Soy Lecithin, Monoglycerides, Salt, Calcium Phosphate, Choline Chloride, Ascorbic Acid, C. Cohnii Oil[‖], Cellulose Gum, m-Inositol, Potassium Hydroxide, Carrageenan, Taurine, Sucralose, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, L-Carnitine, Zinc Sulfate, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Cupric Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Biotin, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Vitamin $D_3$ and Cyanocobalamin. **Contains milk and soy ingredients.**

### NUTRITION INFORMATION

| | 8 fl oz (237 mL) | 1000 mL[¶] | 1500 mL[¶] |
|---|---|---|---|
| **Energy,** Cal | 350 | 1500 | 2250 |
| **Protein,** g | 14 | 59 | 89 |
| % Total Cal | 16 | 16 | 16 |
| Source | Milk protein concentrate | | |
| L-Carnitine, mg | 4 | 17 | 25 |
| Taurine, mg | 18 | 76 | 114 |
| **Fat,** g | 16 | 68 | 101 |
| % Total Cal | 41 | 41 | 41 |
| Source | High oleic safflower and soy oils, medium chain triglycerides, C. Cohnii oil | | |
| Oil Ratio | 50:40:10 | 50:40:10 | 50:40:10 |
| Cholesterol, mg | 10 | 35 | 55 |
| **Carbohydrate,** g | 38 | 160 | 241 |
| % Total Cal | 43 | 43 | 43 |
| Source | Corn maltodextrin | | |
| Sugars, g | 3 | 11 | 17 |
| **Vitamins** | | | |
| Vitamin A, IU | 500 | 2110 | 3165 |
| Vitamin D, IU | 160 | 675 | 1013 |
| Vitamin E, IU | 6 | 25 | 38 |
| Vitamin K, mcg | 16 | 68 | 101 |
| Vitamin C, mg | 24 | 101 | 152 |
| Folic Acid (Folacin), mcg | 60 | 253 | 380 |
| Thiamin (Vit $B_1$), mg | 0.6 | 2.5 | 3.8 |
| Riboflavin (Vit $B_2$), mg | 0.5 | 2.1 | 3.2 |
| Vitamin $B_6$, mg | 0.6 | 2.5 | 3.8 |
| Vitamin $B_{12}$, mcg | 1.5 | 6.3 | 9.5 |
| Niacin, mg | 2 | 8.4 | 12.7 |
| Choline, mg | 83 | 350 | 525 |
| Biotin, mcg | 45 | 190 | 285 |
| Pantothenic Acid, mg | 2.5 | 11 | 16.5 |
| Inositol, mg | 20 | 84 | 127 |
| **Minerals** | | | |
| Calcium, mg | 350 | 1480 | 2215 |
| Calcium, mEq | 17.5 | 74 | 111 |
| Phosphorus, mg | 250 | 1055 | 1582 |
| Magnesium, mg | 60 | 253 | 380 |
| Iron, mg | 2.7 | 11 | 17 |
| Zinc, mg | 1.5 | 6.3 | 9.5 |
| Manganese, mg | 0.4 | 1.7 | 2.5 |
| Copper, mg | 0.2 | 0.8 | 1.3 |
| Iodine, mcg | 23 | 97 | 146 |
| Selenium, mcg | 7 | 30 | 44 |
| Chromium, mcg | 12 | 51 | 76 |
| Molybdenum, mcg | 7.5 | 32 | 47 |
| Sodium, mg | 90 | 380 | 570 |
| Sodium, mEq | 3.9 | 16.5 | 24.7 |
| Potassium, mg | 390 | 1650 | 2468 |
| Potassium, mEq | 9.9 | 42 | 63 |
| Chloride, mg | 270 | 1140 | 1709 |
| Chloride, mEq | 7.6 | 32 | 48 |
| **Other Characteristics** | | | |
| PRSL, mOsm | 110 | 462 | 694 |
| Water, g | 185 | 781 | 1171 |
| Osmolality, mOsm/kg $H_2O$ | 370 | 370 | 370 |

[‖] Source of docosahexaenoic acid (DHA).
[¶] Values extrapolated from 8 fl oz.

# PediaSure®
# 1.5 Cal with Fiber

Complete, Balanced Nutrition®

NutraFlora


From PediaSure® #1 Pediatrician Recommended Brand

## Description/Indications

PediaSure 1.5 Cal with Fiber is a higher* caloric density product designed to meet the energy requirements of pediatric patients who are at risk for malnutrition, require a higher caloric density, or have fluid restrictions. PediaSure 1.5 Cal with Fiber provides a source of Complete, Balanced Nutrition for children 1 to 13 years of age.

- May be used as the sole source of nutrition or as a supplement
- Formulated for oral or tube feeding

## Features

- Meets or exceeds 100% of the DRIs for protein and 25 essential vitamins and minerals in 1000 mL for children ages 1 to 8 and in 1500 mL for children ages 9 to 13
- Excellent source of high-quality protein designed to meet the acceptable macronutrient distribution range of protein for children ages 1 to 13
- Prebiotics designed to support digestive tract health[1-3]
- Antioxidants[†] to help support the immune system
- DHA omega-3[‡] to support brain and eye health[4]
- Meets 100% of the 2011 updated Dietary Reference Intake (DRI) values for calcium and vitamin D for children 1 to 8 years of age in 1000 mL and for children 9 to 13 years of age in 1500 mL
- Gluten-free, suitable for lactose intolerance[§]
- Kosher, Halal

## Precaution

- Not intended for infants under 1 year of age unless specified by a physician

1. Bornet FR, et al. *Nutr Rev* 2002;60:326-334.
2. Tokunaga T, et al. *Bifidus* 1993;6:143-150.
3. Hidaka H, et al. *Bifidobact Microflora* 1986;5:37-50.
4. Lauritzen L, et al. *Prog Lipid Res* 2001;40:1-94.

* Caloric value is 1.5 Cal/mL compared to base PediaSure® at 1.0 Cal/mL.

[†] Vitamins C & E and selenium.

[‡] 32 mg of DHA per 8 fl oz serving.

[§] Not for children with galactosemia.



## Availability

**8-fl-oz can; 24/case**

| Flavor | List No. |
|---|---|
| Vanilla | 56411 |

**Ready To Hang**

**1000-mL prefilled containers, non-spikeable cap; 8/case**

| Flavor | List No. |
|---|---|
| Vanilla | 62749 |

## Ingredients

Water, Corn Maltodextrin, Milk Protein Concentrate, High Oleic Safflower Oil, Soy Oil, Short-chain Fructooligosaccharides, Medium-chain Triglycerides. **Less than 0.5% of:** Oat Fiber, Natural and Artificial Flavor, Potassium Citrate, Soy Fiber, Cellulose Gel, Magnesium Phosphate, Potassium Chloride, Soy Lecithin, Monoglycerides, Salt, Calcium Phosphate, Choline Chloride, Ascorbic Acid, C. Cohnii Oil,‖ Cellulose Gum, Potassium Hydroxide, Carrageenan, m-Inositol, Taurine, Sucralose, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, L-Carnitine, Zinc Sulfate, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Cupric Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Biotin, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Vitamin $D_3$, and Cyanocobalamin. **Contains milk and soy ingredients.**

## NUTRITION INFORMATION

| | 8 fl oz (237 mL) | 1000 mL¶ | 1500 mL¶ |
|---|---|---|---|
| **Energy,** Cal | 350 | 1500 | 2250 |
| **Protein,** g | 14 | 59 | 89 |
| % Total Cal | 16 | 16 | 16 |
| Source | Milk protein concentrate | | |
| L-Carnitine, mg | 4 | 17 | 25 |
| Taurine, mg | 18 | 76 | 114 |
| **Fat,** g | 16 | 68 | 101 |
| % Total Cal | 41 | 41 | 41 |
| Source | High oleic safflower and soy oils, medium chain triglycerides, C. Cohnii oil | | |
| Oil Ratio | 50:40:10 | 50:40:10 | 50:40:10 |
| Cholesterol, mg | 10 | 38 | 53 |
| **Carbohydrate,** g | 39 | 166 | 247 |
| % Total Cal | 43 | 43 | 43 |
| Source | Corn maltodextrin# | | |
| Sugars, g | 3 | 11 | 17 |
| Dietary Fiber, g | 3 | 13 | 19 |
| scFOS**, g | 1.5 | 6.5 | 10 |
| **Vitamins** | | | |
| Vitamin A, IU | 500 | 2110 | 3165 |
| Vitamin D, IU | 160 | 675 | 1013 |
| Vitamin E, IU | 6 | 25 | 38 |
| Vitamin K, mcg | 16 | 68 | 101 |
| Vitamin C, mg | 24 | 101 | 152 |
| Folic Acid (Folacin), mcg | 60 | 253 | 380 |
| Thiamin (Vit $B_1$), mg | 0.6 | 2.5 | 3.8 |
| Riboflavin (Vit $B_2$), mg | 0.5 | 2.1 | 3.2 |
| Vitamin $B_6$, mg | 0.6 | 2.5 | 3.8 |
| Vitamin $B_{12}$, mcg | 1.5 | 6.3 | 9.5 |
| Niacin, mg | 2 | 8.4 | 12.7 |
| Choline, mg | 83 | 350 | 525 |
| Biotin, mcg | 45 | 190 | 285 |
| Pantothenic Acid, mg | 2.5 | 11 | 16.5 |
| Inositol, mg | 20 | 84 | 127 |
| **Minerals** | | | |
| Calcium, mg | 350 | 1480 | 2215 |
| Calcium, mEq | 17.5 | 74 | 111 |
| Phosphorus, mg | 250 | 1055 | 1582 |
| Magnesium, mg | 60 | 253 | 380 |
| Iron, mg | 2.7 | 11 | 17 |
| Zinc, mg | 1.5 | 6.3 | 9.5 |
| Manganese, mg | 0.4 | 1.7 | 2.5 |
| Copper, mg | 0.2 | 0.8 | 1.3 |
| Iodine, mcg | 23 | 97 | 146 |
| Selenium, mcg | 7 | 30 | 44 |
| Chromium, mcg | 12 | 51 | 76 |
| Molybdenum, mcg | 7.5 | 32 | 47 |
| Sodium, mg | 90 | 380 | 570 |
| Sodium, mEq | 3.9 | 16.5 | 24.7 |
| Potassium, mg | 390 | 1650 | 2468 |
| Potassium, mEq | 9.9 | 42 | 63 |
| Chloride, mg | 270 | 1140 | 1709 |
| Chloride, mEq | 7.6 | 32 | 48 |
| **Other Characteristics** | | | |
| PRSL, mOsm | 110 | 462 | 694 |
| Water, g | 185 | 781 | 1171 |
| Osmolality, mOsm/kg $H_2O$ | 390 | 390 | 390 |

‖ Source of docosahexaenoic acid (DHA). ¶ Values extrapolated from 8 fl oz. # Refers to major contributing carbohydrate ingredient. ** Short-chain fructooligosaccharides.

# PediaSure® Peptide 1.0 Cal

Peptide-Based Nutrition for Children

NutraFlora


From PediaSure #1 Pediatrician Recommended Brand

## Description/Indications

PediaSure Peptide 1.0 Cal is a nutritionally complete, peptide-based formula for the nutritional needs of children ages 1 to 13 years with malabsorption, maldigestion, and other GI conditions.

- For oral or tube feeding
- For supplemental or sole-source nutrition

## Features

- Nutrient blend designed to help support tolerance and absorption:
  - Hydrolyzed whey-dominant protein
  - NutraFlora® scFOS® prebiotic
  - Structured lipids
- Nutrition to help support:
  - Absorption
  - Tolerance
  - Growth and development
- Meets or exceeds 100% of the DRIs for protein and 25 essential vitamins and minerals for children 1 to 8 years of age in 1000 mL (1000 Cal), and for children 9 to 13 years of age in 1500 mL (1500 Cal)
- Gluten-free, suitable for lactose intolerance,* low-residue
- Only peptide-based pediatric product with Kosher status
- Halal

## Precaution

- Not intended for infants under 1 year of age unless specified by a physician

* Not for children with galactosemia.

NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

## Availability

**8-fl-oz bottle; 24/case**

| Flavor | List No. |
|---|---|
| Unflavored | 62123 |
| Vanilla | 62119 |
| Strawberry | 62121 |

**Ready To Hang**
**1000-mL prefilled containers; 8/case**

| Flavor | List No. |
|---|---|
| Unflavored | 62729 |

## Ingredients

**Unflavored:** Water, Corn Maltodextrin, Whey Protein Hydrolysate, Structured Lipid (Interesterified Canola Oil and Medium Chain Triglycerides), Hydrolyzed Sodium Caseinate, Medium Chain Triglycerides, Canola Oil. **Less than 0.5% of:** Short-Chain Fructooligosaccharides, Calcium Phosphate, Potassium Citrate, Cellulose Gel, Magnesium Phosphate, Soy Lecithin, Potassium Chloride, Magnesium Chloride, Ascorbic Acid, Choline Chloride, Cellulose Gum, m-Inositol, Carrageenan, Sodium Citrate, Taurine, Ferrous Sulfate, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, L-Carnitine, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Cupric Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Biotin, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Cyanocobalamin and Vitamin $D_3$. **Contains milk and soy ingredients.**

### NUTRITION INFORMATION, UNFLAVORED

| | 8 fl oz (237 mL) | 1000 mL |
|---|---|---|
| **Energy,** Cal | 237 | 1000 |
| **Protein,** g | 7.1 | 30.0 |
| % Total Cal | 12 | 12 |
| Source | Whey protein hydrolysate, hydrolyzed sodium caseinate | |
| L-Carnitine, mg | 4.0 | 17 |
| Taurine, mg | 18 | 76 |
| **Fat,** g | 9.6 | 40.5 |
| % Total Cal | 35 | 35 |
| Source | Structured lipid (Interesterified canola and medium-chain triglycerides), medium-chain triglycerides, canola oil | |
| Trans Fat, g | 0 | 0 |
| **Carbohydrate,** g | 31.7 | 134 |
| % Total Cal | 53 | 53 |
| Source | Corn maltodextrin, scFOS[†] | |
| Dietary Fiber, g | 0.7 | 3.0 |
| scFOS,g | 0.7 | 3.0 |
| **Vitamins** | | |
| Vitamin A, IU | 592 | 2500 |
| Vitamin D, IU | 237 | 1000 |
| Vitamin E, IU | 5.4 | 23 |
| Vitamin K, mcg | 13 | 55 |
| Vitamin C, mg | 24 | 101 |
| Folic Acid (Folacin), mcg | 71 | 300 |
| Thiamin (Vit $B_1$), mg | 0.6 | 2.5 |
| Riboflavin (Vit $B_2$), mg | 0.5 | 2.1 |
| Vitamin $B_6$, mg | 0.6 | 2.5 |
| Vitamin $B_{12}$, mcg | 1.4 | 5.9 |
| Niacin, mg | 2.4 | 10 |
| Choline, mg | 71 | 300 |
| Biotin, mcg | 45 | 190 |
| Pantothenic Acid, mg | 2.4 | 10 |
| Inositol, mg | 20 | 84 |
| **Minerals** | | |
| Calcium, mg | 250 | 1060 |
| Phosphorus, mg | 200 | 844 |
| Magnesium, mg | 47 | 198 |
| Iron, mg | 3.3 | 14 |
| Zinc, mg | 2.8 | 12 |
| Manganese, mg | 0.4 | 1.7 |
| Copper, mg | 0.2 | 1.0 |
| Iodine, mcg | 23 | 97 |
| Selenium, mcg | 7.6 | 32 |
| Chromium, mcg | 7.1 | 30 |
| Molybdenum, mcg | 8.5 | 36 |
| Sodium, mg | 170 | 717 |
| Sodium, mEq | 7.4 | 31.2 |
| Potassium, mg | 320 | 1350 |
| Potassium, mEq | 8.2 | 34.6 |
| Chloride, mg | 240 | 1010 |
| Chloride, mEq | 6.8 | 28.5 |
| **Other Characteristics** | | |
| PRSL, mOsm | 293 | 293 |
| Water, g | 200 | 845 |
| Osmolality, mOsm/kg $H_2O$ (flavored) | 250 (390) | 250 (390) |

[†] scFOS = short-chain fructooligosaccharides.

# PediaSure® Peptide 1.5 Cal

Peptide-Based Nutrition for Children

NutraFlora


## Description/Indications

PediaSure Peptide 1.5 Cal is a nutritionally complete, peptide-based formula for the nutritional needs of children 1 to 13 years with malabsorption, maldigestion, and other GI conditions. It is designed to meet the nutritional and caloric needs of children who require higher caloric density, have fluid restrictions, and are at risk for malnutrition.

- For oral or tube feeding
- For supplemental or sole-source nutrition

## Features

- Nutrient blend designed to help support tolerance and absorption:
  - Hydrolyzed whey-dominant protein
  - NutraFlora® scFOS® prebiotic
  - Structured lipids
- Nutrition to help support:
  - Absorption
  - Tolerance
  - Growth and development
- Meets or exceeds 100% of the DRIs for protein and 25 essential vitamins and minerals for children 1 to 8 years of age in 667 mL (1000 Cal), and for children 9 to 13 years of age in 1000 mL (1500 Cal)
- Gluten-free, suitable for lactose intolerance,* low-residue
- Only peptide-based pediatric product with Kosher status
- Halal

## Precaution

- Not intended for infants under 1 year of age unless specified by a physician

* Not for children with galactosemia.

NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

## Availability

**8-fl-oz bottle; 24/case**

| Flavor | List No. |
|---|---|
| Vanilla | 56655 |

**Ready To Hang**
**1000-mL prefilled containers; 8/case**

| Flavor | List No. |
|---|---|
| Vanilla | 62731 |

## Ingredients

Water, Corn Maltodextrin, Structured Lipid (Interesterified Canola Oil and Medium Chain Triglycerides), Whey Protein Hydrolysate, Hydrolyzed Sodium Caseinate, Medium-Chain Triglycerides, Short-Chain Fructooligosaccharides, Canola Oil. **Less than 0.5% of:** Calcium Phosphate, Artificial Flavor, Potassium Citrate, Magnesium Phosphate, Potassium Chloride, Soy Lecithin, Cellulose Gel, Ascorbic Acid, Choline Chloride, Sodium Citrate, m-Inositol, Cellulose Gum, Taurine, Magnesium Chloride, Acesulfame K, Ferrous Sulfate, Zinc Sulfate, Sucralose, dl-Alpha-Tocopheryl Acetate, L-Carnitine, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Cupric Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Biotin, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Cyanocobalamin and Vitamin $D_3$. **Contains milk and soy ingredients.**

## NUTRITION INFORMATION

| | 8 fl oz (237 mL) | 1000 mL |
|---|---|---|
| **Energy,** Cal | 356 | 1500 |
| **Protein,** g | 10.7 | 45.1 |
| % Total Cal | 12 | 12 |
| Source | Whey protein hydrolysate, hydrolyzed sodium caseinate | |
| L-Carnitine, mg | 6.0 | 25 |
| Taurine, mg | 26 | 110 |
| **Fat,** g | 14.4 | 60.8 |
| % Total Cal | 35 | 35 |
| Source | Structured lipid (Interesterified canola and medium-chain triglycerides), medium-chain triglycerides, canola oil | |
| Trans Fat, g | 0 | 0 |
| **Carbohydrate,** g | 47.6 | 201 |
| % Total Cal | 53 | 53 |
| Source | Corn maltodextrin, scFOS† | |
| Dietary Fiber, g | 1.1 | 4.6 |
| scFOS | 1.1 | 4.6 |
| **Vitamins** | | |
| Vitamin A, IU | 889 | 3750 |
| Vitamin D, IU | 237 | 1000 |
| Vitamin E, IU | 8.1 | 34 |
| Vitamin K, mcg | 19 | 82 |
| Vitamin C, mg | 36 | 152 |
| Folic Acid (Folacin), mcg | 107 | 450 |
| Thiamin (Vit $B_1$), mg | 1.0 | 4.2 |
| Riboflavin (Vit $B_2$), mg | 0.8 | 3.3 |
| Vitamin $B_6$, mg | 1.0 | 4.2 |
| Vitamin $B_{12}$, mcg | 2.1 | 8.9 |

| | 8 fl oz (237 mL) | 1000 mL |
|---|---|---|
| Niacin, mg | 3.6 | 15 |
| Choline, mg | 107 | 450 |
| Biotin, mcg | 68 | 286 |
| Pantothenic Acid, mg | 3.6 | 15 |
| Inositol, mg | 29 | 122 |
| **Minerals** | | |
| Calcium, mg | 375 | 1580 |
| Phosphorus, mg | 300 | 1265 |
| Magnesium, mg | 71 | 300 |
| Iron, mg | 5.0 | 21 |
| Zinc, mg | 4.3 | 18 |
| Manganese, mg | 0.5 | 2.2 |
| Copper, mg | 0.4 | 1.6 |
| Iodine, mcg | 35 | 148 |
| Selenium, mcg | 11 | 46 |
| Chromium, mcg | 11 | 46 |
| Molybdenum, mcg | 13 | 54 |
| Sodium, mg | 255 | 1075 |
| Sodium, mEq | 11.1 | 46.7 |
| Potassium, mg | 480 | 2025 |
| Potassium, mEq | 12.3 | 51.9 |
| Chloride, mg | 360 | 1520 |
| Chloride, mEq | 10.1 | 42.8 |
| **Other Characteristics** | | |
| PRSL, mOsm | 439 | 439 |
| Water, g | 182 | 768 |
| Osmolality, mOsm/kg $H_2O$ | 450 | 450 |

† scFOS = short-chain fructooligosaccharides.

# Pure Bliss™ by Similac® Toddler Drink

Milk-Based Powder


## Description/Indications

A non-GMO,* milk-based drink for toddlers 12 to 36 months old. Starts with fresh milk from grass-fed cows, and contains no artificial growth hormones† and no antibiotics.

## Features

- A non-GMO toddler drink option
- No artificial growth hormones†
- Contains no antibiotics
- 18 key nutrients
- Prebiotics to help promote digestive health
- DHA and Lutein to help support brain and eye development
- Gluten-free
- Kosher, Halal

## Precaution

- Not for children with galactosemia

## Preparation and Use

- Add 8 fl oz of water to clean cup.
- Using a measuring cup for dry ingredients, add 1/3 cup of powder to water.
- Shake well; use within 1 hour; then discard.

*Ingredients not genetically engineered.

†No significant difference has been shown between milk derived from rbST-treated and non-rbST-treated cows.

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Powder:** | | |
| 12.4 oz (352 g); about 8 servings | can; 4/carton | 66076 |
| 31.8 oz (900 g); about 22 servings | can; 4/carton | 66079 |

## Ingredients

**Unflavored Powder:** Nonfat Milk, Lactose, High Oleic Sunflower Oil, Soy Oil, Coconut Oil, Galactooligosaccharides, Corn Maltodextrin. **Less than 2% of:** C. Cohnii Oil, M. Alpina Oil, Bifidobacteria lactis, Beta-Carotene, Lutein, Potassium Citrate, Calcium Carbonate, Ascorbic Acid, Soy Lecithin, Ferrous Sulfate, Choline Bitartrate, Ascorbyl Palmitate, Taurine, Zinc Sulfate, Mixed Tocopherols, dl-Alpha-Tocopheryl Acetate, Niacinamide, Calcium Pantothenate, Vitamin A Palmitate, Copper Sulfate, Thiamine Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Phylloquinone, Biotin, Vitamin $D_3$, Vitamin $B_{12}$, Potassium Iodide, Potassium Phosphate, Magnesium Chloride, Salt, Potassium Chloride, Potassium Hydroxide and Nucleotides (Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate). **Contains milk and soy ingredients.**

### NUTRITION INFORMATION

| | Amount | (%DV)‡ | | Amount | (%DV)‡ |
|---|---|---|---|---|---|
| **Serving Size** | 1/3 cup powder (42 g) | | Thiamin (Vit $B_1$), mcg | 0.2 | 30 |
| **Energy,** Cal | 170 | | Riboflavin (Vit $B_2$), mcg | 0.36 | 45 |
| **Protein,** g | 5 | 31 | Vitamin $B_6$, mcg | 0.25 | 35 |
| % Total Calories | 14 | | Vitamin $B_{12}$, mcg | 0.75 | 25 |
| Source | Nonfat milk | | Niacin, mg | 2.3 | 25 |
| **Fat,** g | 8 | | Biotin, mcg | 6 | 4 |
| % Total Calories | 44 | | Pantothenic Acid, mcg | 1.0 | 20 |
| Source | High oleic sunflower oil, soy and coconut oils, C. Cohnii oil, M. Alpina oil | | **Minerals** | | |
| *Trans* fat, g | 0 | | Calcium, mg | 200 | 25 |
| **Carbohydrate,** g | 17 | | Phosphorus, mg | 120 | 15 |
| % Total Calories | 42 | | Magnesium, mg | 16 | 8 |
| Source | Lactose, corn maltodextrin, galactooligosaccharides (GOS)§ | | Iron, mg | 2 | 20 |
| Dietary Fiber, g | less than 1 | " | Zinc, mg | 0.8 | 10 |
| Sugars, g | 15 | " | Copper, mcg | 0.1 | 10 |
| **Vitamins** | | | Iodine, mcg | 56 | 80 |
| Vitamin A, IU | 623 | 25 | Sodium, mg | 65 | " |
| Vitamin D, IU | 80 | 20 | Potassium, mg | 240 | " |
| Vitamin E, IU | 4.5 | 45 | **Other Characteristics** | | |
| Vitamin C, mg | 24 | 60 | Osmolality, mOsm/kg $H_2O$ | approx. 300 | |
| Folic Acid, mcg | 30 | 15 | | | |

‡ Percent Daily Values (%DV) are based on Guidance for Industry: A Food Labeling Guide (15. Appendix G: Daily Values for Infants, Children Less Than 4 Years of Age, and Pregnant and Lactating Women). http://www.fda.gov/Food/GuidanceRegulation/GuidanceDocumentsRegulatoryInformation/LabelingNutrition/ucm064930.htm. Accessed March 10, 2016.

§ Galactooligosaccharides (GOS) are prebiotics sourced from milk.

" Daily Values are not established for children less than 4 years old.

C. Cohnii Oil is a source of DHA.

M. Alpina Oil is a source of ARA.

# Go & Grow by Similac® NON-GMO* Toddler Drink

Milk-Based Powder


## Description/Indications

A milk-based drink for toddlers 12 to 24 months old for helping balance toddlers' diets.

## Features

- A non-GMO toddler drink option
- OptiGRO™— our unique blend of brain and eye nutrients like that found in real food, such as:
  - DHA from fish
  - Lutein from spinach
  - Vitamin E from broccoli
- Over 25 essential vitamins and minerals
- At least 30% of the recommended Daily Value† of calcium, iron, vitamin C and vitamin E in 8 fl oz
- Complements toddler's diet
- Gluten-free
- Kosher, Halal

## Precaution

- Not for children with galactosemia

## Preparation and Use

- Add 8 fl oz of water to clean cup.
- Using a measuring cup for dry ingredients, add 1/3 cup of powder to water.
- Shake well; use within 1 hour; then discard.

* Ingredients not genetically engineered.
† Daily Values for children 1 to 4 years old.

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Powder:** | | |
| 1.38 lb (624 g); 18 servings | container; 6/case | 64258 |
| 1.5 lb (680 g); 19 servings | can; 6/case | 64787 |

## Ingredients

**Powder:** Nonfat Milk, Lactose, High Oleic Safflower Oil, Soy Oil, Coconut Oil, Galactooligosaccharides. **Less than 2% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Lycopene, Calcium Phosphate, Potassium Citrate, Ascorbic Acid, Soy Lecithin, Calcium Carbonate, Choline Chloride, Ferrous Sulfate, Ascorbyl Palmitate, Taurine, m-Inositol, d-Alpha-Tocopheryl Acetate, Zinc Sulfate, Mixed Tocopherols, Niacinamide, Calcium Pantothenate, Vitamin A Palmitate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin, Potassium Phosphate, Magnesium Chloride, and Potassium Hydroxide.
**Contains milk and soy ingredients.**

### NUTRITION INFORMATION

| | Amount | (%DV)‡ | | Amount | (%DV)‡ |
|---|---|---|---|---|---|
| **Serving Size** | 1/3 cup powder (35 g) | | Thiamin, mg | 0.14 | 20 |
| **Energy,** Cal | 150 | | Riboflavin, mg | 0.24 | 30 |
| **Protein,** g | 4 | 25 | Vitamin $B_6$, mcg | 0.07 | 10 |
| % Total Cal | 10 | | Vitamin $B_{12}$, mcg | 0.45 | 15 |
| Source | Nonfat milk | | Niacin, mg | 1.8 | 20 |
| **Fat,** g | 8 | | Biotin, mcg | 6 | 4 |
| % Total Cal | 48 | | Pantothenic Acid, mg | 0.75 | 15 |
| Source | High-oleic safflower, soy and coconut oils, C. Cohnii oil, M. Alpina oil | | **Minerals** | | |
| **Carbohydrate,** g | 16 | | Calcium, mg | 280 | 35 |
| % Total Cal | 42 | | Phosphorus, mg | 200 | 25 |
| Source | Lactose, galactooligosaccharides§ | | Magnesium, mg | 12 | 6 |
| Dietary Fiber, g | less than 1 | " | Iron, mg | 3 | 30 |
| Sugars, g | 15 | " | Zinc, mg | 1.2 | 15 |
| **Vitamins** | | | Copper, mg | 0.1 | 10 |
| Vitamin A, IU | 500 | 20 | Iodine, mcg | 17.5 | 25 |
| Vitamin D, IU | 100 | 25 | Sodium, mg | 45 | " |
| Vitamin E, IU | 4.5 | 45 | Potassium, mg | 230 | " |
| Vitamin C, mg | 18 | 45 | **Other Characteristics** | | |
| Folic acid, mcg | 20 | 10 | Osmolality, mOsm/kg $H_2O$ | 300 | |

‡ Percent Daily Values (%DV) are based on Guidance for Industry: A Food Labeling Guide (15. Appendix G: Daily Values for Infants, Children Less Than 4 Years of Age, and Pregnant and Lactating Women). http://www.fda.gov/Food/GuidanceRegulation/GuidanceDocumentsRegulatoryInformation/LabelingNutrition/ucm064930.htm. Accessed March 10, 2016.

§ Galactooligosaccharides (GOS) are prebiotics sourced from milk.

" Daily Values are not established for children less than 4 years old.

C. Cohnii Oil is a source of DHA.

M. Alpina Oil is a source of ARA.

# Go & Grow by Similac® Toddler Drink

Milk-Based Powder


## Description/Indications

A milk-based drink for toddlers 12 to 24 months old for helping balance toddlers' diets.

## Features

- A milk-based toddler drink
- OptiGRO™— our unique blend of brain and eye nutrients like that found in real food, such as:
  - DHA from fish
  - Lutein from spinach
  - Vitamin E from broccoli
- Over 25 essential vitamins and minerals
- At least 30% of the recommended Daily Value* of calcium, iron, vitamin C and vitamin E in 8 fl oz
- Complements toddler's diet
- Gluten-free
- Kosher, Halal

## Precaution

- Not for children with galactosemia

## Preparation and Use

- Add 8 fl oz of water to clean cup.
- Using a measuring cup for dry ingredients, add 1/3 cup of powder to water.
- Shake well; use within 1 hour; then discard.

* Daily Values for children 1 to 4 years old.

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Powder:** | | |
| 1.38 lb (624 g); 18 servings | container; 6/case | 50827 |
| 1.5 lb (680 g); 19 servings | can; 6/case | 64782 |

## Ingredients

**Powder:** Nonfat Milk, Lactose, High Oleic Safflower Oil, Soy Oil, Coconut Oil, Galactooligosaccharides. **Less than 2% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Lycopene, Calcium Phosphate, Potassium Citrate, Ascorbic Acid, Soy Lecithin, Calcium Carbonate, Choline Chloride, Ferrous Sulfate, Ascorbyl Palmitate, Taurine, m-Inositol, d-Alpha-Tocopheryl Acetate, Zinc Sulfate, Mixed Tocopherols, Niacinamide, Calcium Pantothenate, Vitamin A Palmitate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin, Potassium Phosphate, Magnesium Chloride, and Potassium Hydroxide.
**Contains milk and soy ingredients.**

### NUTRITION INFORMATION

| | Amount | (%DV)† | | Amount | (%DV)† |
|---|---|---|---|---|---|
| **Serving Size** | 1/3 cup powder (35 g) | | Thiamin, mg | 0.14 | 20 |
| **Energy,** Cal | 150 | | Riboflavin, mg | 0.24 | 30 |
| **Protein,** g | 4 | 25 | Vitamin $B_6$, mcg | 0.07 | 10 |
| % Total Cal | 10 | | Vitamin $B_{12}$, mcg | 0.45 | 15 |
| Source | Nonfat milk | | Niacin, mg | 1.8 | 20 |
| **Fat,** g | 8 | | Biotin, mcg | 6 | 4 |
| % Total Cal | 48 | | Pantothenic Acid, mg | 0.75 | 15 |
| Source | High-oleic safflower, soy and coconut oils, C. Cohnii oil, M. Alpina oil | | **Minerals** | | |
| **Carbohydrate,** g | 16 | | Calcium, mg | 280 | 35 |
| % Total Cal | 42 | | Phosphorus, mg | 200 | 25 |
| Source | Lactose, galactooligosaccharides‡ | | Magnesium, mg | 12 | 6 |
| Dietary Fiber, g | less than 1 | § | Iron, mg | 3 | 30 |
| Sugars, g | 15 | § | Zinc, mg | 1.2 | 15 |
| **Vitamins** | | | Copper, mg | 0.1 | 10 |
| Vitamin A, IU | 500 | 20 | Iodine, mcg | 17.5 | 25 |
| Vitamin D, IU | 100 | 25 | Sodium, mg | 45 | § |
| Vitamin E, IU | 4.5 | 45 | Potassium, mg | 230 | § |
| Vitamin C, mg | 18 | 45 | **Other Characteristics** | | |
| Folic acid, mcg | 20 | 10 | Osmolality, mOsm/kg $H_2O$ | 300 | |

† Percent Daily Values (%DV) are based on Guidance for Industry: A Food Labeling Guide (15. Appendix G: Daily Values for Infants, Children Less Than 4 Years of Age, and Pregnant and Lactating Women). http://www.fda.gov/Food/GuidanceRegulation/GuidanceDocumentsRegulatoryInformation/LabelingNutrition/ucm064930.htm. Accessed March 10, 2016.

‡ Galactooligosaccharides (GOS) are prebiotics sourced from milk.

§ Daily Values are not established for children less than 4 years old.

C. Cohnii Oil is a source of DHA.

M. Alpina Oil is a source of ARA.

# Go & Grow by Similac® Vanilla Toddler Drink

Milk-Based Vanilla Powder


## Description/Indications

A milk-based drink for toddlers 12 to 24 months old for helping balance toddlers' diets.

## Features

- Vanilla-flavored toddler drink
- OptiGRO™— our unique blend of brain and eye nutrients like that found in real food, such as:
  - DHA from fish
  - Lutein from spinach
  - Vitamin E from broccoli
- Over 25 essential vitamins and minerals
- At least 30% of the recommended Daily Value* of calcium, iron, vitamin C and vitamin E in 8 fl oz
- Complements toddler's diet
- Gluten-free
- Kosher, Halal

## Precaution

- Not for children with galactosemia

## Preparation and Use

- Add 8 fl oz of water to clean cup.
- Using a measuring cup for dry ingredients, add 1/3 cup of powder to water.
- Shake well; use within 1 hour; then discard.

* Daily Values for children 1 to 4 years old.

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Powder:** | | |
| 1.5 lb (680 g); 19 servings | can; 6/case | 64318 |
| 0.61 oz (17.4 g); 8 servings | stick pack; 64/carton | 64315 |

## Ingredients

**Powder:** Nonfat Milk, High Oleic Safflower Oil, Lactose, Sucrose, Soy Oil, Coconut Oil, Galactooligosaccharides. **Less than 2% of:** Natural and Artificial Flavor, C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Lycopene, Calcium Phosphate, Potassium Citrate, Ascorbic Acid, Soy Lecithin, Calcium Carbonate, Choline Chloride, Ferrous Sulfate, Ascorbyl Palmitate, Taurine, m-Inositol, d-Alpha-Tocopheryl Acetate, Zinc Sulfate, Mixed Tocopherols, Niacinamide, Calcium Pantothenate, Vitamin A Palmitate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin, Potassium Phosphate, Magnesium Chloride, and Potassium Hydroxide. **Contains milk and soy ingredients.**

### NUTRITION INFORMATION

| | Amount | (%DV)† | | Amount | (%DV)† |
|---|---|---|---|---|---|
| **Serving Size** | 1/3 cup powder (35 g) | | Thiamin, mg | 0.14 | 20 |
| **Energy,** Cal | 150 | | Riboflavin, mg | 0.24 | 30 |
| **Protein,** g | 4 | 25 | Vitamin $B_6$, mcg | 0.07 | 10 |
| % Total Cal | 10 | | Vitamin $B_{12}$, mcg | 0.45 | 15 |
| Source | Nonfat milk | | Niacin, mg | 1.8 | 20 |
| **Fat,** g | 8 | | Biotin, mcg | 6 | 4 |
| % Total Cal | 48 | | Pantothenic Acid, mg | 0.75 | 15 |
| Source | High oleic safflower, soy and coconut oils, C. Cohnii oil, M. Alpina oil | | **Minerals** | | |
| **Carbohydrate,** g | 16 | | Calcium, mg | 280 | 35 |
| % Total Cal | 42 | | Phosphorus, mg | 200 | 25 |
| Source | Lactose, sucrose, galactooligosaccharides‡ | | Magnesium, mg | 12 | 6 |
| Dietary Fiber, g | less than 1 | § | Iron, mg | 3 | 30 |
| Sugars, g | 15 | § | Zinc, mg | 1.2 | 15 |
| **Vitamins** | | | Copper, mg | 0.1 | 10 |
| Vitamin A, IU | 500 | 20 | Iodine, mcg | 17.5 | 25 |
| Vitamin D, IU | 100 | 25 | Sodium, mg | 45 | § |
| Vitamin E, IU | 4.5 | 45 | Potassium, mg | 230 | § |
| Vitamin C, mg | 18 | 45 | **Other Characteristics** | | |
| Folic acid, mcg | 20 | 10 | Osmolality, mOsm/kg $H_2O$ | 300 | |

† Percent Daily Values (%DV) are based on Guidance for Industry: A Food Labeling Guide (15. Appendix G: Daily Values for Infants, Children Less Than 4 Years of Age, and Pregnant and Lactating Women). http://www.fda.gov/Food/GuidanceRegulation/GuidanceDocumentsRegulatoryInformation/LabelingNutrition/ucm064930.htm. Accessed March 10, 2016.

‡ Galactooligosaccharides (GOS) are prebiotics sourced from milk.

§ Daily Values are not established for children less than 4 years old.

C. Cohnii Oil is a source of DHA.

M. Alpina Oil is a source of ARA.

# Go & Grow by Similac® Sensitive Toddler Drink

Milk-Based Powder


## Description/Indications

A milk-based drink for toddlers 12 to 24 months old with lactose sensitivity. For helping balance toddlers' diets.

## Features

- A milk-based toddler drink
- 96% less lactose than whole milk
- An easy-to-digest, milk-based drink suitable for children with lactose sensitivity
- OptiGRO™— our unique blend of brain and eye nutrients like that found in real food, such as:
  - DHA from fish
  - Lutein from spinach
  - Vitamin E from broccoli
- Over 25 essential vitamins and minerals
- At least 30% of the recommended Daily Value* of calcium, iron, vitamin C, and vitamin E in 8 fl oz
- Complements toddler's diet
- Gluten-free
- Kosher, Halal

## Precaution

- Not for children with galactosemia

## Preparation and Use

- Add 8 fl oz of water to clean cup.
- Using a measuring cup for dry ingredients, add 1/3 cup of powder to water.
- Shake well; use within 1 hour; then discard.

* Daily Values for children 1 to 4 years old.

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Powder:** | | |
| 1.38 lb (624 g); 18 servings | container; 6/case | 63420 |
| 1.5 lb (680 g); 19 servings | can; 6/case | 64790 |

## Ingredients

**Powder:** Corn Syrup, Milk Protein Isolate, High Oleic Safflower Oil, Sugar, Soy Oil, Coconut Oil, Galactooligosaccharides, Calcium Phosphate. **Less than 2% of:** C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Lycopene, Potassium Citrate, Sodium Citrate, Potassium Chloride, Ascorbic Acid, Magnesium Phosphate, Choline Chloride, Magnesium Chloride, Ascorbyl Palmitate, L-Cystine Dihydrochloride, Ferrous Sulfate, Choline Bitartrate, Taurine, Calcium Carbonate, m-Inositol, Zinc Sulfate, d-Alpha-Tocopheryl Acetate, Mixed Tocopherols, L-Carnitine, Niacinamide, Calcium Pantothenate, Vitamin A Palmitate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Potassium Iodide, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin, and Potassium Hydroxide. **Contains milk ingredients.**

### NUTRITION INFORMATION

| | Amount | (%DV)† | | Amount | (%DV)† |
|---|---|---|---|---|---|
| **Serving Size** | 1/3 cup powder (35 g) | | Thiamin, mg | 0.14 | 20 |
| **Energy,** Cal | 150 | | Riboflavin, mg | 0.24 | 30 |
| **Protein,** g | 4 | 25 | Vitamin $B_6$, mcg | 0.07 | 10 |
| % Total Cal | 10 | | Vitamin $B_{12}$, mcg | 0.45 | 15 |
| Source | Milk protein isolate | | Niacin, mg | 1.8 | 20 |
| **Fat,** g | 8 | | Biotin, mcg | 6 | 4 |
| % Total Cal | 48 | | Pantothenic Acid, mg | 0.75 | 15 |
| Source | High oleic safflower, soy and coconut oils, C. Cohnii oil, M. Alpina oil | | **Minerals** | | |
| **Carbohydrate,** g | 16 | | Calcium, mg | 280 | 35 |
| % Total Cal | 42 | | Phosphorus, mg | 200 | 25 |
| Source | Corn syrup, sugar, galactooligosaccharides‡ | | Magnesium, mg | 12 | 6 |
| Dietary Fiber, g | less than 1 | § | Iron, mg | 3 | 30 |
| Sugars, g | 15 | § | Zinc, mg | 1.2 | 15 |
| **Vitamins** | | | Copper, mg | 0.1 | 10 |
| Vitamin A, IU | 500 | 20 | Iodine, mcg | 17.5 | 25 |
| Vitamin D, IU | 100 | 25 | Sodium, mg | 45 | § |
| Vitamin E, IU | 4.5 | 45 | Potassium, mg | 230 | § |
| Vitamin C, mg | 18 | 45 | **Other Characteristics** | | |
| Folic acid, mcg | 20 | 10 | Osmolality, mOsm/kg $H_2O$ | 300 | |

† Percent Daily Values (%DV) are based on Guidance for Industry: A Food Labeling Guide (15. Appendix G: Daily Values for Infants, Children Less Than 4 Years of Age, and Pregnant and Lactating Women). http://www.fda.gov/Food/GuidanceRegulation/GuidanceDocumentsRegulatoryInformation/LabelingNutrition/ucm064930.htm. Accessed March 10, 2016.

‡ Galactooligosaccharides (GOS) are prebiotics sourced from milk.

§ Daily Values are not established for children less than 4 years old.

C. Cohnii Oil is a source of DHA.

M. Alpina Oil is a source of ARA.

# Go & Grow by Similac® Mix-Ins™


## Description/Indications

Unflavored powder packet to mix into toddler foods for better nutrition. Each packet offers a source of protein and 13 essential vitamins and minerals.

## Features

- Stirs in easily to foods, such as yogurt, oatmeal, mac & cheese, without changing the texture
- Kids don't taste a difference
- Each unflavored powder packet has:
  - OptiGRO™— our unique blend of DHA, Lutein, and Vitamin E for brain, eye, and overall development
  - 3 grams of protein
  - 3 grams of fiber
  - 13 essential vitamins and minerals
  - scFOS, a prebiotic to help support digestive health
- No fillers, no artificial colors or flavors
- Non-GMO*
- Kosher, Halal

* Ingredients not genetically engineered.
scFOS = short-chain fructooligosaccharides.

## Instructions for Use

- Intended for use in food only; does not mix well with beverages.
- For children 1 year and older.
- Add one packet into ½-cup serving of toddler's favorite food. Stir to combine.

## Availability: Retail

| Size | Container | List No. |
|---|---|---|
| **Powder:** | | |
| 0.3 oz (8.7 g) Unflavored | packet; 10/case | 64755 |

## Ingredients

**Powder:** Whey Protein Concentrate (Whey Protein Concentrate and Sunflower Lecithin), Fructooligosaccharides, Calcium Phosphate, Magnesium Phosphate. **Less than 2% of:** Vitamin $B_{12}$, Vitamin $D_3$, Vitamin A Palmitate, Potassium Iodide, Manganese Sulfate, Lutein, Calcium Pantothenate, Calcium Silicate, Niacinamide, Biotin, C. Cohnii Oil, d-Alpha-Tocopheryl Acetate, Thiamine Hydrochloride, Maltodextrin, Pyridoxine Hydrochloride and Phylloquinone. **Contains milk ingredients.**

### NUTRITION INFORMATION

| | Amount | (%DV)† | | Amount | (%DV)† |
|---|---|---|---|---|---|
| **Serving Size** | 1 packet (8.7 g) | | Thiamin, mg | 0.15 | 20 |
| **Energy,** Cal | 25 | | Vitamin B6, mcg | 0.2 | 30 |
| **Protein,** g | 3 | 20 | Vitamin B12, mcg | 0.75 | 25 |
| Source | Whey protein concentrate | | Niacin, mg | 2 | 20 |
| **Fat,** g | less than 1 | | Biotin, mcg | 15 | 10 |
| Source | Whey protein concentrate, C. Cohnii oil, sunflower lecithin | | Pantothenic Acid, mg | 1 | 20 |
| **Carbohydrate,** g | 4 | | **Minerals** | | |
| Source | Whey protein concentrate, fructooligosaccharides | | Calcium, mg | 100 | 10 |
| Dietary Fiber, g | 3 | ‡ | Phosphorus, mg | 100 | 10 |
| Sugars, g | less than 1 | ‡ | Magnesium, mg | 20 | 10 |
| **Vitamins** | | | Iodine, mcg | 23 | 30 |
| Vitamin A, IU | 375 | 15 | Sodium, mg | 15 | ‡ |
| Vitamin D, IU | 40 | 10 | Potassium, mg | 25 | ‡ |
| Vitamin E, IU | 3 | 30 | | | |

† Percent Daily Values (%DV) are based on Guidance for Industry: A Food Labeling Guide (15. Appendix G: Daily Values for Infants, Children Less Than 4 Years of Age, and Pregnant and Lactating Women). http://www.fda.gov/Food/GuidanceRegulation/GuidanceDocumentsRegulatoryInformation/LabelingNutrition/ucm064930.htm. Accessed March 10, 2016.

‡ Daily Values are not established for children less than 4 years old.

C. Cohnii Oil is a source of DHA.

# Therapeutic Hydration

# Pedialyte®

Electrolyte Solution for All Ages

Therapeutic Hydration™


## Description/Indications

To quickly replace vital minerals and nutrients lost during diarrhea and vomiting; to help prevent dehydration in infants, children, and adults; for maintenance of water and electrolytes following corrective parenteral therapy for diarrhea.

## Features

- #1 pediatrician-recommended brand
- #1 pharmacist-recommended brand for hydration
- Ready to use
- Promotes fluid absorption more effectively than common household beverages
- Provides glucose to promote sodium and water absorption
- Helps replenish zinc lost during diarrhea
- Unflavored liquid available for infants
- Kid-approved taste to encourage compliance in children
- Reclosable plastic liter bottles allow easy measuring and pouring
- Low osmolality (see table)
- Kosher, Halal (certain flavors)

## Precautions

- No mixing or diluting is necessary or recommended
- Use under medical supervision for the dietary management of dehydration during diarrhea and vomiting

## Availability: Hospital/Institutional

**Custom Feeding System**
**Ready To Use**

| **2-fl-oz plastic bottle; 48/case** | **List No.** |
|---|---|
| Unflavored | 59892 |

## Availability: Retail

**1-Liter (33.8-fl-oz) plastic bottle; 8/case**

| | |
|---|---|
| Unflavored | 00336 |
| Grape | 00240 |
| Mixed Fruit | 00365 |
| Bubble Gum | 51752 |
| Strawberry | 53983 |

## Ingredients

**Unflavored:** Water, Dextrose. **Less than 2% of:** Potassium Citrate, Salt, Sodium Citrate, Citric Acid, and Zinc Gluconate.

**Grape:** Water, Dextrose. **Less than 2% of:** Citric Acid, Potassium Citrate, Salt, Artificial Flavor, Sodium Citrate, Sucralose, Acesulfame Potassium, Zinc Gluconate, Red 40, and Blue 1.

**Mixed Fruit:** Water, Dextrose. **Less than 2% of:** Citric Acid, Natural & Artificial Flavor, Potassium Citrate, Salt, Sodium Citrate, Sucralose, Acesulfame Potassium, Zinc Gluconate, and Yellow 6.

**Bubble Gum:** Water, Dextrose. **Less than 2% of:** Citric Acid, Potassium Citrate, Salt, Sodium Citrate, Artificial Flavor, Sucralose, Acesulfame Potassium, Zinc Gluconate, and Red 40.

**Strawberry:** Water, Dextrose. **Less than 2% of:** Citric Acid, Potassium Citrate, Salt, Sodium Citrate, Natural Flavor, Sucralose, Acesulfame Potassium, Zinc Gluconate, Red 40, and Blue 1.

## NUTRITION INFORMATION

| | Unflavored | | Flavored | |
|---|---|---|---|---|
| | 8 fl oz | 1L | 8 fl oz | 1L |
| Energy, Cal | 25 | 100 | 25 | 100 |
| Dextrose, g | 6 | 25 | 6 | 25 |
| Sodium, mEq | 10.6 | 45 | 10.6 | 45 |
| Potassium, mEq | 4.7 | 20 | 4.7 | 20 |
| Chloride, mEq | 8.3 | 35 | 8.3 | 35 |
| Zinc, mg | 1.85 | 7.8 | 1.85 | 7.8 |
| Osmolality, mOsm/kg $H_2O$ | 250 | 250 | 270 | 270 |

## Dosage

Refer to Administration Guide to restore fluid and minerals lost in diarrhea and vomiting. Pedialyte should be offered frequently in amounts tolerated. Total daily intake should be adjusted to meet individual needs, based on thirst and response to therapy. The suggested intakes for maintenance are based on water requirements for ordinary energy expenditure.*

* Extrapolated from Barness LA, Curran JS: Nutrition, in Nelson WE (sr ed), Behrman RE, Kliegman RM, Arvin AM (eds): *Nelson Textbook of Pediatrics,* ed 15. Philadelphia: WB Saunders Co, 1996, pp 141-143.

## ADMINISTRATION GUIDE FOR INFANTS AND YOUNG CHILDREN

| Age | | 2 | 3 | 6 | 9 | 1 | 1½ | 2 | 2½ | 3 | 3½ | 4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Weeks | Months | | | Years | | | | | | |
| **Approximate** | **lb** | 9 | 14 | 18 | 21 | 23 | 26 | 28 | 30 | 32 | 34 | 36 |
| **Weight[1]** | **kg** | 4.0 | 6.4 | 8.2 | 9.5 | 10.5 | 11.8 | 12.7 | 13.6 | 14.4 | 15.3 | 16.3 |
| | | | | | | | | | | | | |
| **Pedialyte for** | **fl oz/day** | 16 | 30 | 36 | 39 | 42 | 47 | 48 | 51 | 53 | 54 | 55 |
| **Maintenance[2]** | | to | to | to | to | to | to | to | to | to | to | to |
| | | 20 | 34 | 42 | 45 | 47 | 52 | 53 | 56 | 57 | 57 | 59 |

Administration Guide does not apply to infants younger than 1 week of age. For children older than 4 years of age, maintenance intakes may exceed 2 liters daily. If there is vomiting or fever, or if diarrhea continues beyond 24 hours, consult the child's physician.

1. Weight based on the 50th percentile of weight for age for boys from the National Center for Health Statistics (NCHS) Centers for Disease Control and Prevention (CDC) growth charts. Kuczmarski RJ, Ogden CL, Grummer-Strawn LM, et al: CDC Growth Charts: United States. Data from Vital and Health Statistics of the Centers for Disease Control and Prevention/National Center for Health Statistics. *Advance Data*, no. 314, December 4, 2000.
2. Fluid intake is total fluid requirement from oral electrolyte solution, formula, or other fluids, but does not take into account ongoing stool losses. Fluid loss in the stool should be replaced by consumption of an extra amount of Pedialyte equal to stool losses, in addition to the fluid maintenance requirement in this Administration Guide. Pedialyte Freezer Pops are to be used with Pedialyte Oral Electrolyte Solution or other appropriate fluids to help prevent dehydration.

# Pedialyte AdvancedCare™

Electrolyte Solution for All Ages

Therapeutic Hydration™


## Description/Indications

To quickly replace vital minerals and nutrients lost during diarrhea and vomiting; to help prevent dehydration in infants, children and adults; for maintenance of water and electrolytes following corrective parenteral therapy for diarrhea. Contains PreActiv™ Prebiotics to help promote digestive health.

## Features

- #1 pediatrician-recommended brand
- #1 pharmacist-recommended brand for hydration
- Ready to use
- Promotes fluid absorption more effectively than common household beverages
- Provides glucose to promote sodium and water absorption
- Helps replenish zinc lost during diarrhea
- PreActiv™ Prebiotics help promote digestive health
- Low osmolality (see table)
- Kid-approved taste to encourage compliance in children
- Contains no fruit juice
- Kosher, Halal (certain flavors)

## Precautions

- No mixing or diluting is necessary or recommended
- Not for children with galactosemia
- Use under medical supervision for the dietary management of dehydration during diarrhea and vomiting

## Availability: Retail

| **1-Liter (1.1-Qt) bottle; 8/ct** | **List No.** |
|---|---|
| Blue Raspberry | 63059 |
| Cherry Punch | 63057 |
| **1-Liter (1.1-Qt) bottle; 4/ct** | |
| Strawberry Lemonade | 64301 |
| Tropical Fruit | 64307 |

## Ingredients

**Blue Raspberry:** Water, Dextrose. **Less than 1% of:** Galactooligosaccharides, Citric Acid, Potassium Citrate, Salt, Sodium Citrate, Natural and Artificial Flavor, Sucralose, Acesulfame Potassium, Zinc Gluconate, Blue 1, and Red 40. **Contains milk ingredients.**

**Cherry Punch:** Water, Dextrose. **Less than 1% of:** Galactooligosaccharides, Citric Acid, Natural and Artificial Flavor, Potassium Citrate, Salt, Sodium Citrate, Sucralose, Acesulfame Potassium, Zinc Gluconate, and Red 40. **Contains milk ingredients**.

**Strawberry Lemonade:** Water, Dextrose. **Less than 1% of:** Galactooligosaccharides, Citric Acid, Potassium Citrate, Salt, Sodium Citrate, Natural and Artificial Flavor, Sucralose, Acesulfame Potassium, Zinc Gluconate, Red 40, and Blue 1. **Contains milk ingredients**.

**Tropical Fruit:** Water, Dextrose. **Less than 1% of:** Galactooligosaccharides, Citric Acid, Potassium Citrate, Salt, Sodium Citrate, Natural and Artificial Flavor, Sucralose, Acesulfame Potassium, Zinc Gluconate, and Yellow 6. **Contains milk ingredients**.

## NUTRITION INFORMATION

| | 1 L Blue Raspberry | 1 L Cherry Punch | 1 L Strawberry Lemonade | 1 L Tropical Fruit |
|---|---|---|---|---|
| Energy, Cal | 70 | 70 | 70 | 70 |
| Dextrose, g | 16 | 16 | 16 | 16 |
| Sodium, mEq | 45 | 45 | 45 | 45 |
| Potassium, mEq | 20 | 20 | 20 | 20 |
| Chloride, mEq | 35 | 35 | 35 | 35 |
| Zinc, mg | 7.8 | 7.8 | 7.8 | 7.8 |
| Osmolality, mOsm/kg $H_2O$ | 240 | 225 | 240 | 240 |

## Dosage

Refer to Administration Guide to restore fluid and minerals lost in diarrhea and vomiting. Pedialyte should be offered frequently in amounts tolerated. Total daily intake should be adjusted to meet individual needs, based on thirst and response to therapy. The suggested intakes for maintenance are based on water requirements for ordinary energy expenditure.*

* Extrapolated from Barness LA, Curran JS: Nutrition, in Nelson WE (sr ed), Behrman RE, Kliegman RM, Arvin AM (eds): *Nelson Textbook of Pediatrics,* ed 15. Philadelphia: WB Saunders Co, 1996, pp 141-143.

## ADMINISTRATION GUIDE FOR INFANTS AND YOUNG CHILDREN

| Age | | 2 | 3 | 6 | 9 | 1 | 1½ | 2 | 2½ | 3 | 3½ | 4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Weeks | Months | | | Years | | | | | | |
| **Approximate** | **lb** | 9 | 14 | 18 | 21 | 23 | 26 | 28 | 30 | 32 | 34 | 36 |
| **Weight[1]** | **kg** | 4.0 | 6.4 | 8.2 | 9.5 | 10.5 | 11.8 | 12.7 | 13.6 | 14.4 | 15.3 | 16.3 |
| **Pedialyte for** | **fl oz/day** | 16 | 30 | 36 | 39 | 42 | 47 | 48 | 51 | 53 | 54 | 55 |
| **Maintenance[2]** | | to | to | to | to | to | to | to | to | to | to | to |
| | | 20 | 34 | 42 | 45 | 47 | 52 | 53 | 56 | 57 | 57 | 59 |

Administration Guide does not apply to infants younger than 1 week of age. For children older than 4 years of age, maintenance intakes may exceed 2 liters daily. If there is vomiting or fever, or if diarrhea continues beyond 24 hours, consult the child's physician.

1. Weight based on the 50th percentile of weight for age for boys from the National Center for Health Statistics (NCHS) Centers for Disease Control and Prevention (CDC) growth charts. Kuczmarski RJ, Ogden CL, Grummer-Strawn LM, et al: CDC Growth Charts: United States. Data from Vital and Health Statistics of the Centers for Disease Control and Prevention/National Center for Health Statistics. *Advance Data*, no. 314, December 4, 2000.
2. Fluid intake is total fluid requirement from oral electrolyte solution, formula, or other fluids, but does not take into account ongoing stool losses. Fluid loss in the stool should be replaced by consumption of an extra amount of Pedialyte equal to stool losses, in addition to the fluid maintenance requirement in this Administration Guide. Pedialyte Freezer Pops are to be used with Pedialyte Oral Electrolyte Solution or other appropriate fluids to help prevent dehydration.

# Pedialyte®
# Powder Packs 8.5 g

For Kids and Adults

Therapeutic Hydration™


## Description/Indications

Helps prevent dehydration in children and adults. Quickly replaces vital minerals and nutrients lost during diarrhea and vomiting. Can be used for maintenance of water and electrolytes following corrective parenteral therapy for diarrhea.

## Features

- #1 pediatrician-recommended brand
- #1 pharmacist-recommended brand for hydration
- Promotes fluid absorption more effectively than common household beverages
- When mixed with 8 fl oz of water
  - Balanced electrolytes to replace losses and provide maintenance requirements
  - Provides glucose to promote sodium and water absorption
  - Low osmolality (see table)
- Kid-approved taste to encourage compliance in children
- Available in multiple flavors to encourage compliance with fluid intake recommendations for children 1 year of age and older
- Lactose- and gluten-free, low residue
- Kosher, Halal

## Precautions

- Not for use for children under 1 year of age
- Use under medical supervision for the dietary management of dehydration during diarrhea and vomiting

## Availability: Retail

| 0.3-oz Powder Packs; 8 packs/carton | List No. |
|---|---|
| Variety (2 each of Fruit Punch, Grape, Apple, Strawberry) | 56090 |

## Ingredients

**Fruit Punch:** Anhydrous Dextrose, Citric Acid, Malic Acid, Potassium Citrate, Salt, Sodium Citrate. **Less than 2% of:** Natural and Artificial Flavor, Calcium Silicate, Sucralose, Acesulfame Potassium, and Red 40.

**Grape:** Anhydrous Dextrose, Citric Acid, Malic Acid, Potassium Citrate, Salt, Sodium Citrate. **Less than 2% of:** Natural and Artificial Flavor, Calcium Silicate, Sucralose, Acesulfame Potassium, Red 40, and Blue 1.

**Apple:** Anhydrous Dextrose, Citric Acid, Malic Acid, Potassium Citrate, Salt, Sodium Citrate. **Less than 2% of:** Artificial Flavor, Calcium Silicate, Caramel Color, Sucralose, and Acesulfame Potassium.

**Strawberry:** Anhydrous Dextrose, Citric Acid, Malic Acid, Potassium Citrate, Salt, Sodium Citrate, Natural Flavor. **Less than 2% of:** Calcium Silicate, Sucralose, Acesulfame Potassium, Red 40, and Blue 1.

## NUTRITION INFORMATION

| | 8 fl oz |
|---|---|
| Energy, Cal | 25 |
| Dextrose, g | 6 |
| Sodium, mEq | 10.6 |
| Potassium, mEq | 4.7 |
| Chloride, mEq | 8.3 |
| Osmolality, mOsm/kg $H_2O$ | 270 |

## Dosage

Refer to Administration Guide to restore fluid and minerals lost in diarrhea and vomiting. Pedialyte should be offered frequently in amounts tolerated. Total daily intake should be adjusted to meet individual needs, based on thirst and response to therapy. The suggested intakes for maintenance are based on water requirements for ordinary energy expenditure.*

* Extrapolated from Barness LA, Curran JS: Nutrition, in Nelson WE (sr ed), Behrman RE, Kliegman RM, Arvin AM (eds): *Nelson Textbook of Pediatrics,* ed 15. Philadelphia: WB Saunders Co, 1996, pp 141-143.

### ADMINISTRATION GUIDE FOR INFANTS AND YOUNG CHILDREN

| | Age | 2 | 3 | 6 | 9 | 1 | 1½ | 2 | 2½ | 3 | 3½ | 4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Weeks | Months | | | Years | | | | | | |
| **Approximate** | **lb** | 9 | 14 | 18 | 21 | 23 | 26 | 28 | 30 | 32 | 34 | 36 |
| **Weight[1]** | **kg** | 4.0 | 6.4 | 8.2 | 9.5 | 10.5 | 11.8 | 12.7 | 13.6 | 14.4 | 15.3 | 16.3 |
| | | | | | | | | | | | | |
| **Pedialyte for** | **fl oz/day** | 16 | 30 | 36 | 39 | 42 | 47 | 48 | 51 | 53 | 54 | 55 |
| **Maintenance[2]** | | to | to | to | to | to | to | to | to | to | to | to |
| | | 20 | 34 | 42 | 45 | 47 | 52 | 53 | 56 | 57 | 57 | 59 |

Administration Guide does not apply to infants younger than 1 week of age. For children older than 4 years of age, maintenance intakes may exceed 2 liters daily. If there is vomiting or fever, or if diarrhea continues beyond 24 hours, consult the child's physician.

1. Weight based on the 50th percentile of weight for age for boys from the National Center for Health Statistics (NCHS) Centers for Disease Control and Prevention (CDC) growth charts. Kuczmarski RJ, Ogden CL, Grummer-Strawn LM, et al: CDC Growth Charts: United States. Data from Vital and Health Statistics of the Centers for Disease Control and Prevention/National Center for Health Statistics. *Advance Data*, no. 314, December 4, 2000.
2. Fluid intake is total fluid requirement from oral electrolyte solution, formula, or other fluids, but does not take into account ongoing stool losses. Fluid loss in the stool should be replaced by consumption of an extra amount of Pedialyte equal to stool losses, in addition to the fluid maintenance requirement in this Administration Guide. Pedialyte Freezer Pops are to be used with Pedialyte Oral Electrolyte Solution or other appropriate fluids to help prevent dehydration.

# Pedialyte®
# Powder Packs 17 g

For Kids and Adults

Therapeutic Hydration™


## Description/Indications

Helps prevent dehydration in children and adults. Quickly replaces vital minerals and nutrients lost during diarrhea and vomiting. Can be used for maintenance of water and electrolytes following corrective parenteral therapy for diarrhea.

## Features

- #1 pediatrician-recommended brand
- #1 pharmacist-recommended brand for hydration
- Promotes fluid absorption more effectively than common household beverages
- When mixed with 16 fl oz of water
  - Balanced electrolytes to replace losses and provide maintenance requirements
  - Provides glucose to promote sodium and water absorption
  - Low osmolality (see table)
- Kid-approved taste to encourage compliance in children
- Available in multiple flavors to encourage compliance with fluid intake recommendations for children 1 year of age and older
- Lactose- and gluten-free, low residue
- Kosher, Halal

## Precautions

- Not for use for children under 1 year of age
- Use under medical supervision for the dietary management of dehydration during to diarrhea and vomiting

## Availability: Retail

| 0.6 g Powder Packs; 6 packs/carton | List No. |
|---|---|
| Strawberry Lemonade | 64172 |
| Orange | 64177 |
| Cherry | 64595 |
| Grape | 64598 |

## Ingredients

**Strawberry Lemonade:** Anhydrous Dextrose, Citric Acid, Potassium Citrate, Salt, Natural Flavors, Sodium Citrate. **Less than 2% of:** Calcium Silicate, Acesulfame Potassium, Sucralose, Red 40, and Blue 1.

**Orange:** Anhydrous Dextrose, Citric Acid, Potassium Citrate, Salt, Sodium Citrate, Natural & Artificial Flavor. **Less than 2% of:** Calcium Silicate, Acesulfame Potassium, Sucralose, and Yellow 6.

**Cherry:** Anhydrous Dextrose, Citric Acid, Potassium Citrate, Salt, Sodium Citrate. **Less than 2% of:** Natural and Artificial Flavor, Calcium Silicate, Acesulfame Potassium, Sucralose, and Red 40.

**Grape:** Anhydrous Dextrose, Citric Acid, Potassium Citrate, Salt, Sodium Citrate. **Less than 2% of:** Natural and Artificial Flavor, Beet Powder Color, Calcium Silicate, Acesulfame Potassium, Sucralose, and Blue 1.

## NUTRITION INFORMATION

| | 8 fl oz |
|---|---|
| Energy, Cal | 25 |
| Dextrose, g | 6 |
| Sodium, mEq | 10.6 |
| Potassium, mEq | 4.7 |
| Chloride, mEq | 8.3 |
| Osmolality, mOsm/kg $H_2O$ | 270 |

## Dosage

Refer to Administration Guide to restore fluid and minerals lost in diarrhea and vomiting. Pedialyte should be offered frequently in amounts tolerated. Total daily intake should be adjusted to meet individual needs, based on thirst and response to therapy. The suggested intakes for maintenance are based on water requirements for ordinary energy expenditure.*

* Extrapolated from Barness LA, Curran JS: Nutrition, in Nelson WE (sr ed), Behrman RE, Kliegman RM, Arvin AM (eds): *Nelson Textbook of Pediatrics,* ed 15. Philadelphia: WB Saunders Co, 1996, pp 141-143.

**ADMINISTRATION GUIDE FOR INFANTS AND YOUNG CHILDREN**

| | Age | 2 | 3 | 6 | 9 | 1 | 1 1/2 | 2 | 2 1/2 | 3 | 3 1/2 | 4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Weeks | Months | | | Years | | | | | | |
| **Approximate** | **lb** | 9 | 14 | 18 | 21 | 23 | 26 | 28 | 30 | 32 | 34 | 36 |
| **Weight[1]** | **kg** | 4.0 | 6.4 | 8.2 | 9.5 | 10.5 | 11.8 | 12.7 | 13.6 | 14.4 | 15.3 | 16.3 |
| **Pedialyte for** | **fl oz/day** | 16 | 30 | 36 | 39 | 42 | 47 | 48 | 51 | 53 | 54 | 55 |
| **Maintenance[2]** | | to | to | to | to | to | to | to | to | to | to | to |
| | | 20 | 34 | 42 | 45 | 47 | 52 | 53 | 56 | 57 | 57 | 59 |

Administration Guide does not apply to infants younger than 1 week of age. For children older than 4 years of age, maintenance intakes may exceed 2 liters daily. If there is vomiting or fever, or if diarrhea continues beyond 24 hours, consult the child's physician.

1. Weight based on the 50th percentile of weight for age for boys from the National Center for Health Statistics (NCHS) Centers for Disease Control and Prevention (CDC) growth charts. Kuczmarski RJ, Ogden CL, Grummer-Strawn LM, et al: CDC Growth Charts: United States. Data from Vital and Health Statistics of the Centers for Disease Control and Prevention/National Center for Health Statistics. *Advance Data*, no. 314, December 4, 2000.
2. Fluid intake is total fluid requirement from oral electrolyte solution, formula, or other fluids, but does not take into account ongoing stool losses. Fluid loss in the stool should be replaced by consumption of an extra amount of Pedialyte equal to stool losses, in addition to the fluid maintenance requirement in this Administration Guide. Pedialyte Freezer Pops are to be used with Pedialyte Oral Electrolyte Solution or other appropriate fluids to help prevent dehydration.

# Pedialyte® Freezer Pops

Electrolyte Solution

A cool way to help prevent dehydration. Just freeze and eat.

Therapeutic Hydration™

#1 Pediatrician Recommended Brand


## Description/Indications

Helps prevent dehydration in children and adults. Quickly replaces vital minerals and nutrients lost during diarrhea and vomiting; to help prevent dehydration; for maintenance of water and electrolytes following corrective parenteral therapy for diarrhea.

## Features

- #1 pediatrician-recommended brand
- #1 pharmacist-recommended brand for hydration
- Ready to use
- Promotes fluid absorption more effectively than common household beverages
- Provides glucose to promote sodium and water absorption
- Low osmolality (see table)
- Available in multiple flavors to encourage compliance with fluid intake recommendations for children 1 year of age and older
- Kosher, Halal

## Precautions

- Not for use for children under 1 year of age
- No mixing or diluting is necessary or recommended
- Use under medical supervision for the dietary management of dehydration during diarrhea and vomiting

## Availability: Retail

| 2.1-fl-oz sleeve; 4 sixteen-sleeve boxes/case | List No. |
|---|---|
| Grape, Cherry, Orange, and Blue Raspberry | 62605 |

## Ingredients

**Grape:** Water, Anhydrous Dextrose. **Less than 2% of:** Citric Acid, Salt, Sodium Carboxymethylcellulose, Potassium Citrate, Potassium Sorbate, Sodium Benzoate, Sucralose, Acesulfame Potassium, Natural and Artificial Grape Flavor, Red 40, and Blue 1.

**Cherry:** Water, Anhydrous Dextrose. **Less than 2% of:** Citric Acid, Salt, Sodium Carboxymethylcellulose, Potassium Citrate, Potassium Sorbate, Sodium Benzoate, Sucralose, Acesulfame Potassium, Natural and Artificial Cherry Flavor, and Red 40.

**Orange:** Water, Anhydrous Dextrose. **Less than 2% of:** Citric Acid, Salt, Sodium Carboxymethylcellulose, Potassium Citrate, Potassium Sorbate, Sodium Benzoate, Sucralose, Acesulfame Potassium, Natural and Artificial Orange Flavor, Yellow 6, and Red 40.

**Blue Raspberry:** Water, Anhydrous Dextrose. **Less than 2% of:** Citric Acid, Salt, Sodium Carboxymethylcellulose, Potassium Citrate, Potassium Sorbate, Sodium Benzoate, Sucralose, Acesulfame Potassium, Natural and Artificial Blue Raspberry Flavor, and Blue 1.

## NUTRITION INFORMATION

| | 8 fl oz (~4 pops) | 1 L (~16 pops) |
|---|---|---|
| Energy, Cal | 25 | 100 |
| Dextrose, g | 6 | 25 |
| Sodium, mEq | 10.6 | 45 |
| Potassium, mEq | 4.7 | 20 |
| Chloride, mEq | 8.3 | 35 |
| Osmolality, mOsm/kg $H_2O$ | 270 | 270 |

## Dosage

Refer to Administration Guide to restore fluid and minerals lost in diarrhea and vomiting. Pedialyte should be offered frequently in amounts tolerated. Total daily intake should be adjusted to meet individual needs, based on thirst and response to therapy. The suggested intakes for maintenance are based on water requirements for ordinary energy expenditure.*

* Extrapolated from Barness LA, Curran JS: Nutrition, in Nelson WE (sr ed), Behrman RE, Kliegman RM, Arvin AM (eds): *Nelson Textbook of Pediatrics,* ed 15. Philadelphia: WB Saunders Co, 1996, pp 141-143.

### ADMINISTRATION GUIDE FOR INFANTS AND YOUNG CHILDREN

| | Age | 2 | 3 | 6 | 9 | 1 | 1 1/2 | 2 | 2 1/2 | 3 | 3 1/2 | 4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Weeks | Months | | | Years | | | | | | |
| **Approximate** | **lb** | 9 | 14 | 18 | 21 | 23 | 26 | 28 | 30 | 32 | 34 | 36 |
| **Weight[1]** | **kg** | 4.0 | 6.4 | 8.2 | 9.5 | 10.5 | 11.8 | 12.7 | 13.6 | 14.4 | 15.3 | 16.3 |
| | | | | | | | | | | | | |
| **Pedialyte for** | **fl oz/day** | 16 | 30 | 36 | 39 | 42 | 47 | 48 | 51 | 53 | 54 | 55 |
| **Maintenance[2]** | | to | to | to | to | to | to | to | to | to | to | to |
| | | 20 | 34 | 42 | 45 | 47 | 52 | 53 | 56 | 57 | 57 | 59 |

Administration Guide does not apply to infants younger than 1 week of age. For children older than 4 years of age, maintenance intakes may exceed 2 liters daily. If there is vomiting or fever, or if diarrhea continues beyond 24 hours, consult the child's physician.

1. Weight based on the 50th percentile of weight for age for boys from the National Center for Health Statistics (NCHS) Centers for Disease Control and Prevention (CDC) growth charts. Kuczmarski RJ, Ogden CL, Grummer-Strawn LM, et al: CDC Growth Charts: United States. Data from Vital and Health Statistics of the Centers for Disease Control and Prevention/National Center for Health Statistics. *Advance Data*, no. 314, December 4, 2000.
2. Fluid intake is total fluid requirement from oral electrolyte solution, formula, or other fluids, but does not take into account ongoing stool losses. Fluid loss in the stool should be replaced by consumption of an extra amount of Pedialyte equal to stool losses, in addition to the fluid maintenance requirement in this Administration Guide. Pedialyte Freezer Pops are to be used with Pedialyte Oral Electrolyte Solution or other appropriate fluids to help prevent dehydration.

# Metabolic Products

# Calcilo XD®

Low-Calcium (2.9 mg/100 Cal)/
Vitamin D-Free
Infant Formula With Iron


## Description/Indications

Nutrition support of infants with hypercalcemia, as may occur in infants with Williams syndrome, osteopetrosis, and primary neonatal hyperparathyroidism, and when a low-calcium/vitamin D-free formula is needed.

## Features

- The only commercially available formula for the management of hypercalcemia in infants
- No vitamin D
- Only a minimal amount of calcium (15 mg/100 g powder; 2.9 mg/100 Cal)
- Nutritionally complete—when prepared as directed, meets the American Academy of Pediatrics Committee on Nutrition recommendations for all nutrients including vitamins and minerals except calcium, vitamin D, and phosphorus
- L-carnitine (7 mg/100 g) and taurine (35 mg/100 g)
- Eliminates the need to prepare a modular formula
- Lactose-free and gluten-free
- Kosher, Halal

## Precautions

- Calcium, vitamin D, and phosphorus requirements should be determined by appropriate laboratory tests

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| 13.2 oz (375 g) | can (with measuring scoop); 6/case | 53328 |

## Preparation

| To Make (Approx) | Water (fl oz) | Scoop(s) of Powder (Use scoop in can) |
|---|---|---|
| 2 fl oz | 2 | 1 unpacked, level (8.6 g) |
| 4 fl oz | 4 | 2 unpacked, level |
| 6 fl oz | 6 | 3 unpacked, level |

To make a larger amount of formula at standard density (20 Cal/fl oz) using a standard measuring cup, add **1 unpacked, level cup (NOT the enclosed scoop) of powder (105 g)** to 24 fl oz of water. Yields approximately 26 fl oz of formula. To maintain freshness, pour prepared formula into individual feeding bottles, cap and store in refrigerator. Prepared formula should not be left unrefrigerated.

When mixed as directed, the contents of one can (375 g) will make approximately 96 fl oz of formula.

Approximate weights for unpacked, level US standard dry household measures for powder

| Household Measure (US) | Weight (Metric) |
|---|---|
| 1 Tablespoon | 7 g |
| 1/4 Cup | 26 g |
| 1/3 Cup | 35 g |
| 1/2 Cup | 53 g |
| 1 Cup | 105 g |

## Ingredients

Corn Syrup, Coconut Oil, Corn Oil, Whey Protein Concentrate, Sodium Caseinate. **Less than 1% of:** Potassium Phosphate, Magnesium Chloride, Potassium Chloride, Potassium Citrate, Ascorbic Acid, m-Inositol, Potassium Hydroxide, Salt, Choline Chloride, Ferrous Sulfate, Taurine, Zinc Sulfate, L-Carnitine, d-Alpha-Tocopheryl Acetate, Niacinamide, Calcium Pantothenate, Vitamin A Palmitate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Potassium Iodide, Phylloquinone, Biotin, Sodium Selenate and Cyanocobalamin. **Contains milk ingredients.**

## NUTRITION INFORMATION

| | 100 g powder | Per 100 Cal (5 fl oz as prepared) |
|---|---|---|
| **Energy,** Cal | 513 | 100 |
| **Volume,** mL | — | 148 |
| **Protein,** g | 11.4 | 2.2 |
| % Total Calories | 9 | 9 |
| Source | Whey protein concentrate, sodium caseinate | |
| **Fat,** g | 28.7 | 5.6 |
| % Total Calories | 50 | 50 |
| Source | Coconut and corn oils | |
| Linoleic Acid, mg | 6660 | 1300 |
| **Carbohydrate,** g | 52.3 | 10.2 |
| % Total Calories | 41 | 41 |
| Source | Corn syrup | |
| **Vitamins** | | |
| Vitamin A, IU | 1540 | 300 |
| Vitamin D, IU | 0 | 0 |
| Vitamin E, IU | 10.0 | 1.9 |
| Vitamin K, mcg | 41 | 8 |
| Thiamin (Vit $B_1$), mcg | 513 | 100 |
| Riboflavin (Vit $B_2$), mcg | 770 | 150 |
| Vitamin $B_6$, mcg | 310 | 60 |
| Vitamin $B_{12}$, mcg | 1.3 | 0.3 |
| Niacin, mcg | 5400 | 1050 |
| Folic Acid (Folacin), mcg | 77 | 15 |
| Pantothenic Acid, mcg | 2300 | 450 |
| Biotin, mcg | 23 | 4.5 |

| | 100 g powder | Per 100 Cal (5 fl oz as prepared) |
|---|---|---|
| Vitamin C, mg | 46 | 9 |
| Choline, mg | 62 | 12 |
| Inositol, mg | 123 | 24 |
| **Minerals** | | |
| Calcium, mg | 15 | 2.9 |
| Calcium, mEq | 0.8 | 0.2 |
| Phosphorus, mg | 128 | 25 |
| Magnesium, mg | 31 | 6 |
| Iron, mg | 9.2 | 1.8 |
| Zinc, mg | 3.8 | 0.8 |
| Manganese, mcg | 26 | 5 |
| Copper, mcg | 460 | 90 |
| Iodine, mcg | 31 | 6 |
| Selenium, mcg | 10 | 2 |
| Sodium, mg | 125 | 24 |
| Sodium, mEq | 5.4 | 1.0 |
| Potassium, mg | 420 | 82 |
| Potassium, mEq | 10.7 | 2.1 |
| Chloride, mg | 292 | 57 |
| Chloride, mEq | 8.2 | 1.6 |
| **Other Characteristics** | | |
| PRSL, mOsm | 94 | 18 |
| Water, g | 2.5 | 134 |
| Osmolality, mOsm/kg $H_2O$ | — | 190 |

# Cyclinex®-1

Amino Acid-Modified
Infant Formula With Iron


## Description/Indications

Nutrition support of infants and toddlers with a urea cycle disorder, gyrate atrophy of the choroid and retina, or HHH syndrome.

## Features

- Nonessential amino acid-free to decrease the ingestion of waste nitrogen
- L-carnitine (190 mg/100 g) and taurine (40 mg/100 g) to help supply amounts normally found in human milk and foods of animal origin
- Approximately 43% of energy as fat to help achieve acceptable formula osmolality
- 6.9% of energy as linoleic acid
- Nutrient profile specifically designed for infants and toddlers
- When fed according to the *Abbott Nutrition Support Protocols*, provides adequate amounts of all nutrients
- Additional vitamins and minerals to compensate for nutrient losses due to nitrogen-scavenger medications
- Lactose-free and gluten-free
- Halal

## Precautions

- Must be supplemented with protein and fluid in prescribed amounts to completely meet protein and water requirements
- Do not boil mixture or use terminal sterilization

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| 14.1 oz (400 g) | can; 6/case | 51144 |

## Preparation

Follow physician's instructions carefully.

Approximate weights for unpacked, level, dry US standard household measures for powder

| Household Measure (US) | Weight (Metric) |
|---|---|
| 1 Tablespoon | 8 g |
| 1/4 Cup | 30 g |
| 1/3 Cup | 40 g |
| 1/2 Cup | 60 g |
| 1 Cup | 120 g |

## Ingredients

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Soy Oil, L-Leucine. **Less than 2% of:** L-Lysine Acetate, Calcium Phosphate, L-Valine, DATEM, L-Isoleucine, Potassium Phosphate, L-Tyrosine, L-Threonine, L-Phenylalanine, Sodium Citrate, Potassium Citrate, Magnesium Chloride, L-Cystine Dihydrochloride, L-Histidine, L-Methionine, L-Tryptophan, Calcium Carbonate, Ascorbic Acid, L-Carnitine, Choline Chloride, Taurine, m-Inositol, Ferrous Sulfate, Zinc Sulfate, Ascorbyl Palmitate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Mixed Tocopherols, Calcium Pantothenate, Salt, Cupric Sulfate, Thiamine Chloride Hydrochloride, Manganese Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Beta-Carotene, Potassium Iodide, Biotin, Phylloquinone, Sodium Selenate, Chromium Chloride, Sodium Molybdate, Vitamin $D_3$ and Cyanocobalamin.

## NUTRITION INFORMATION

| | 100 g powder | 100 Cal powder | | 100 g powder | 100 Cal powder |
|---|---|---|---|---|---|
| **Energy,** Cal | 510 | 100 | Choline, mg | 100 | 19.6 |
| **Protein equivalent,** g | 7.5 | 1.5 | Inositol, mg | 50 | 9.8 |
| Source | L-amino acids | | **Minerals** | | |
| L-Carnitine, mg | 190 | 37 | Calcium, mg | 650 | 127 |
| **Fat,** g | 24.6 | 4.9 | Calcium, mEq | 32.4 | 6.4 |
| Source | High oleic safflower, coconut, and soy oils | | Phosphorus, mg | 455 | 89 |
| Linoleic Acid, mg | 3900 | 765 | Magnesium, mg | 55 | 10.8 |
| Linolenic Acid, mg | 375 | 74 | Iron, mg | 10 | 2.0 |
| **Carbohydrate,** g | 57.0 | 11.2 | Zinc, mg | 9.5 | 1.9 |
| % Total Calories | 45 | 45 | Manganese, mcg | 500 | 98 |
| Source | Corn syrup solids | | Copper, mcg | 1250 | 245 |
| **Vitamins** | | | Iodine, mcg | 80 | 15.7 |
| Vitamin A, IU | 1600 | 311 | Selenium, mcg | 25 | 4.9 |
| Vitamin D, IU | 300 | 59 | Chromium, mcg | 12 | 2.4 |
| Vitamin E, IU | 17 | 3 | Molybdenum, mcg | 13 | 2.6 |
| Vitamin K, mcg | 60 | 11.7 | Sodium, mg | 215 | 42.2 |
| Thiamin (Vit $B_1$), mcg | 2000 | 392 | Sodium, mEq | 9.4 | 1.8 |
| Riboflavin (Vit $B_2$), mcg | 1000 | 196 | Potassium, mg | 760 | 149 |
| Vitamin $B_6$, mcg | 850 | 167 | Potassium, mEq | 19.4 | 3.8 |
| Vitamin $B_{12}$, mcg | 5.6 | 1.1 | Chloride, mg | 390 | 76.5 |
| Niacin, mcg | 12,000 | 2353 | Chloride, mEq | 11.0 | 2.2 |
| Folic Acid, mcg | 250 | 49 | **Other Characteristics** | | |
| Pantothenic Acid, mcg | 7800 | 1529 | PRSL, mOsm | 98 | 19.2 |
| Biotin, mcg | 75 | 14.7 | Osmolality, mOsm/kg $H_2O$ | — | 275 (20 Cal/fl oz) |
| Vitamin C, mg | 60 | 11.8 | | | |

# Cyclinex®-2

Amino Acid-Modified
Medical Food


## Description/Indications

Nutrition support of children and adults with a urea cycle disorder, gyrate atrophy of the choroid and retina, or HHH syndrome.

## Features

- Nonessential amino acid-free to decrease the ingestion of waste nitrogen
- L-carnitine (370 mg/100 g) and taurine (60 mg/100 g) to help supply amounts normally found in foods of animal origin
- Approximately 35% of energy as fat to help supply essential fatty acids
- Nutrient profile specifically designed for children and adults
- When fed according to the *Abbott Nutrition Support Protocols*, provides adequate amounts of all nutrients
- Additional vitamins and minerals to compensate for nutrient losses due to nitrogen-scavenger medications
- Lactose-free and gluten-free
- Halal

## Precautions

- Do not heat or use in cooking
- Must be supplemented with protein in prescribed amounts to completely meet protein requirements

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| 14.1 oz (400 g) | can; 6/case | 51146 |

## Preparation

Follow physician's instructions carefully.

Approximate weights for unpacked, level, dry US standard household measures for powder

| Household Measure (US) | Weight (Metric) |
|---|---|
| 1 Tablespoon | 8 g |
| 1/4 Cup | 30 g |
| 1/3 Cup | 40 g |
| 1/2 Cup | 60 g |
| 1 Cup | 120 g |

## Ingredients

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Sodium Citrate, Soy Oil, L-Leucine, L-Lysine Acetate, Calcium Phosphate, L-Valine, L-Isoleucine, Magnesium Phosphate, Potassium Chloride. **Less than 2% of:** L-Tyrosine, L-Threonine, L-Phenylalanine, Silicon Dioxide, DATEM, Potassium Citrate, Potassium Phosphate, L-Cystine Dihydrochloride, L-Histidine, L-Methionine, L-Tryptophan, L-Carnitine, Calcium Carbonate, Ascorbic Acid, Taurine, Choline Chloride, m-Inositol, Ferrous Sulfate, Zinc Sulfate, Niacinamide, dl-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Ascorbyl Palmitate, Mixed Tocopherols, Cupric Sulfate, Manganese Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Vitamin A Palmitate, Pyridoxine Hydrochloride, Folic Acid, Chromium Chloride, Potassium Iodide, Beta-Carotene, Biotin, Sodium Selenate, Phylloquinone, Sodium Molybdate, Vitamin $D_3$ and Cyanocobalamin.

### NUTRITION INFORMATION

| | 100 g powder | | 100 g powder |
|---|---|---|---|
| **Energy,** Cal | 440 | Choline, mg | 130 |
| **Protein equivalent,** g | 15 | Inositol, mg | 110 |
| Source | L-amino acids | **Minerals** | |
| L-Carnitine, mg | 370 | Calcium, mg | 1150 |
| **Fat,** g | 17 | Calcium, mEq | 57.4 |
| Source | High oleic safflower, coconut, and soy oils | Phosphorus, mg | 1020 |
| Linoleic Acid, mg | 2800 | Magnesium, mg | 300 |
| Linolenic Acid, mg | 275 | Iron, mg | 17 |
| **Carbohydrate,** g | 45 | Zinc, mg | 17 |
| Source | Corn syrup solids | Manganese, mg | 1.0 |
| **Vitamins** | | Copper, mg | 1.3 |
| Vitamin A, IU | 3025 | Iodine, mcg | 150 |
| Vitamin D, IU | 325 | Selenium, mcg | 37 |
| Vitamin E, IU | 24 | Chromium, mcg | 37 |
| Vitamin K, mcg | 70 | Molybdenum, mcg | 40 |
| Thiamin (Vit $B_1$), mg | 4.0 | Sodium, mg | 1175 |
| Riboflavin (Vit $B_2$), mg | 2.4 | Sodium, mEq | 51.1 |
| Vitamin $B_6$, mg | 1.8 | Potassium, mg | 1800 |
| Vitamin $B_{12}$, mcg | 7.3 | Potassium, mEq | 46.0 |
| Niacin, mg | 21 | Chloride, mg | 1325 |
| Folic Acid, mcg | 530 | Chloride, mEq | 37.4 |
| Pantothenic Acid, mg | 10.9 | **Other Characteristics** | |
| Biotin, mcg | 150 | PRSL, mOsm | 253 |
| Vitamin C, mg | 75 | Osmolality, mOsm/kg $H_2O$ | 1015 (30 Cal/fl oz) |

# Glutarex®-1

Amino Acid-Modified
Infant Formula With Iron


## Description/Indications

Nutrition support of infants and toddlers with glutaric aciduria type I.

## Features

- Lysine- and tryptophan-free to allow greater intake of intact protein
- L-carnitine (900 mg/100 g) to help supply amount normally found in human milk and foods of animal origin and to help excrete toxic metabolites
- Taurine (40 mg/100 g) to help supply amount normally found in human milk and foods of animal origin
- Approximately 40% of energy as fat to help achieve acceptable formula osmolality
- 6.6% of energy as linoleic acid
- Nutrient profile specifically designed for infants and toddlers
- When fed according to the *Abbott Nutrition Support Protocols,* provides adequate amounts of all nutrients
- Lactose-free and gluten-free
- Halal

## Precautions

- Must be supplemented with protein and fluid in prescribed amounts to completely meet lysine, tryptophan, and water requirements
- Do not boil mixture or use terminal sterilization

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| 14.1 oz (400 g) | can; 6/case | 51140 |

## Preparation

Follow physician's instructions carefully.

Approximate weights for unpacked, level, dry US standard household measures for powder

| Household Measure (US) | Weight (Metric) |
|---|---|
| 1 Tablespoon | 8 g |
| 1/4 Cup | 30 g |
| 1/3 Cup | 40 g |
| 1/2 Cup | 60 g |
| 1 Cup | 120 g |

## Ingredients

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Soy Oil, L-Glutamic Acid. **Less than 2% of:** L-Leucine, L-Proline, L-Aspartic Acid, L-Arginine, Calcium Phosphate, L-Valine, DATEM, L-Alanine, L-Isoleucine, Glycine, Potassium Phosphate, L-Carnitine, L-Tyrosine, L-Phenylalanine, L-Serine, L-Threonine, Sodium Citrate, Potassium Citrate, Magnesium Chloride, L-Histidine, L-Methionine, Calcium Carbonate, L-Cystine Dihydrochloride, Ascorbic Acid, Choline Chloride, Taurine, m-Inositol, Ferrous Sulfate, Zinc Sulfate, Ascorbyl Palmitate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Mixed Tocopherols, Calcium Pantothenate, Salt, Cupric Sulfate, Thiamine Chloride Hydrochloride, Manganese Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Beta-Carotene, Potassium Iodide, Biotin, Phylloquinone, Sodium Selenate, Chromium Chloride, Sodium Molybdate, Vitamin $D_3$ and Cyanocobalamin.

## NUTRITION INFORMATION

| | 100 g powder | 100 Cal powder | | 100 g powder | 100 Cal powder |
|---|---|---|---|---|---|
| **Energy,** Cal | 480 | 100 | Choline, mg | 80 | 16.7 |
| **Protein equivalent,** g | 15.0 | 3.1 | Inositol, mg | 40 | 8.3 |
| Source | L-amino acids | | **Minerals** | | |
| L-Carnitine, mg | 900 | 188 | Calcium, mg | 575 | 120 |
| **Fat,** g | 21.7 | 4.5 | Calcium, mEq | 28.8 | 6.0 |
| Source | High oleic safflower, coconut, and soy oils | | Phosphorus, mg | 400 | 83 |
| Linoleic Acid, mg | 3500 | 729 | Magnesium, mg | 50 | 10 |
| Linolenic Acid, mg | 350 | 73 | Iron, mg | 9 | 1.9 |
| **Carbohydrate,** g | 53.0 | 11.0 | Zinc, mg | 8 | 1.7 |
| Source | Corn syrup solids | | Manganese, mcg | 500 | 104 |
| **Vitamins** | | | Copper, mcg | 1100 | 229 |
| Vitamin A, IU | 1400 | 292 | Iodine, mcg | 65 | 13.5 |
| Vitamin D, IU | 300 | 63 | Selenium, mcg | 20 | 4.2 |
| Vitamin E, IU | 15 | 3 | Chromium, mcg | 11 | 2.3 |
| Vitamin K, mcg | 50 | 10.4 | Molybdenum, mcg | 12 | 2.5 |
| Thiamin (Vit $B_1$), mcg | 1900 | 396 | Sodium, mg | 190 | 39.6 |
| Riboflavin (Vit $B_2$), mcg | 900 | 188 | Sodium, mEq | 8.3 | 1.7 |
| Vitamin $B_6$, mcg | 750 | 156 | Potassium, mg | 675 | 140.6 |
| Vitamin $B_{12}$, mcg | 4.9 | 1.0 | Potassium, mEq | 17.3 | 3.6 |
| Niacin, mcg | 10,000 | 2083 | Chloride, mg | 325 | 67.7 |
| Folic Acid, mcg | 230 | 48 | Chloride, mEq | 9.2 | 1.9 |
| Pantothenic Acid, mcg | 6900 | 1438 | **Other Characteristics** | | |
| Biotin, mcg | 65 | 13.5 | PRSL, mOsm | 133 | 27.8 |
| Vitamin C, mg | 50 | 10.4 | Osmolality, mOsm/kg $H_2O$ | — | 385 (20 Cal/fl oz) |

# Glutarex®-2

Amino Acid-Modified
Medical Food


## Description/Indications

Nutrition support of children and adults with glutaric aciduria type I.

## Features

- Lysine- and tryptophan-free to allow greater intake of intact protein
- L-carnitine (1800 mg/100 g) to help supply amount normally found in foods of animal origin and to help excrete toxic metabolites
- Taurine (50 mg/100 g) to help supply amount normally found in foods of animal origin
- Approximately 30% of energy as fat to help supply essential fatty acids
- Nutrient profile specifically designed for children and adults
- When fed according to the *Abbott Nutrition Support Protocols,* provides adequate amounts of all nutrients
- Lactose-free and gluten-free
- Halal

## Precautions

- Do not heat or use in cooking
- Must be supplemented with protein and fluid in prescribed amounts to completely meet lysine, tryptophan, and water requirements

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| 14.1 oz (400 g) | can; 6/case | 51142 |

## Preparation

Follow physician's instructions carefully.

Approximate weights for unpacked, level, dry US standard household measures for powder

| Household Measure (US) | Weight (Metric) |
|---|---|
| 1 Tablespoon | 8 g |
| 1/4 Cup | 30 g |
| 1/3 Cup | 40 g |
| 1/2 Cup | 60 g |
| 1 Cup | 120 g |

## Ingredients

Corn Syrup Solids, L-Glutamic Acid, High Oleic Safflower Oil, Coconut Oil, Sodium Citrate, Soy Oil, L-Leucine, L-Proline, L-Aspartic Acid, L-Arginine, L-Valine, L-Alanine, Calcium Phosphate, L-Isoleucine, Glycine, L-Carnitine, L-Tyrosine. **Less than 2% of:** L-Phenylalanine, Magnesium Phosphate, Potassium Chloride, L-Serine, L-Threonine, Silicon Dioxide, L-Histidine, DATEM, Potassium Citrate, Potassium Phosphate, L-Methionine, L-Cystine Dihydrochloride, Calcium Carbonate, Ascorbic Acid, Taurine, Choline Chloride, m-Inositol, Ferrous Sulfate, Zinc Sulfate, Niacinamide, dl-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Ascorbyl Palmitate, Mixed Tocopherols, Cupric Sulfate, Manganese Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Vitamin A Palmitate, Pyridoxine Hydrochloride, Folic Acid, Chromium Chloride, Potassium Iodide, Beta-Carotene, Biotin, Sodium Selenate, Phylloquinone, Sodium Molybdate, Vitamin $D_3$ and Cyanocobalamin.

## NUTRITION INFORMATION

| | 100 g powder | | 100 g powder |
|---|---|---|---|
| **Energy,** Cal | 410 | Choline, mg | 100 |
| **Protein equivalent,** g | 30 | Inositol, mg | 70 |
| Source | L-amino acids | **Minerals** | |
| L-Carnitine, mg | 1800 | Calcium, mg | 880 |
| **Fat,** g | 13 | Calcium, mEq | 44.0 |
| Source | High oleic safflower, coconut, and soy oils | Phosphorus, mg | 760 |
| Linoleic Acid, mg | 2200 | Magnesium, mg | 225 |
| Linolenic Acid, mg | 225 | Iron, mg | 13 |
| **Carbohydrate,** g | 35 | Zinc, mg | 13 |
| Source | Corn syrup solids | Manganese, mg | 0.8 |
| **Vitamins** | | Copper, mg | 1.0 |
| Vitamin A, IU | 2200 | Iodine, mcg | 100 |
| Vitamin D, IU | 300 | Selenium, mcg | 35 |
| Vitamin E, IU | 18 | Chromium, mcg | 27 |
| Vitamin K, mcg | 60 | Molybdenum, mcg | 30 |
| Thiamin (Vit $B_1$), mg | 3.3 | Sodium, mg | 880 |
| Riboflavin (Vit $B_2$), mg | 1.8 | Sodium, mEq | 38.3 |
| Vitamin $B_6$, mg | 1.3 | Potassium, mg | 1370 |
| Vitamin $B_{12}$, mcg | 5.0 | Potassium, mEq | 35.0 |
| Niacin, mg | 16 | Chloride, mg | 940 |
| Folic Acid, mcg | 430 | Chloride, mEq | 26.5 |
| Pantothenic Acid, mg | 8.0 | **Other Characteristics** | |
| Biotin, mcg | 100 | PRSL, mOsm | 296 |
| Vitamin C, mg | 60 | Osmolality, mOsm/kg $H_2O$ | 1360 (30 Cal/fl oz) |

# Hominex®-1

Amino Acid-Modified
Infant Formula With Iron


## Description/Indications

Nutrition support of infants and toddlers with vitamin $B_6$-nonresponsive homocystinuria or hypermethioninemia.

## Features

- Methionine-free to allow greater intake of intact protein
- L-cystine, *in a soluble form,* an essential amino acid that is often deficient in diets of infants and toddlers with homocystinuria
- L-carnitine (20 mg/100 g) and taurine (40 mg/100 g) to help supply amounts normally found in human milk and foods of animal origin
- Approximately 40% of energy as fat to help achieve acceptable formula osmolality
- 6.6% of energy as linoleic acid
- Nutrient profile specifically designed for infants and toddlers
- When fed according to the *Abbott Nutrition Support Protocols,* provides adequate amounts of all nutrients
- Lactose-free and gluten-free
- Halal

## Precautions

- Must be supplemented with protein and fluid in prescribed amounts to completely meet methionine and water requirements
- Do not boil mixture or use terminal sterilization

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| 14.1 oz (400 g) | can; 6/case | 51116 |

## Preparation

Follow physician's instructions carefully.

Approximate weights for unpacked, level, dry US standard household measures for powder

| Household Measure (US) | Weight (Metric) |
|---|---|
| 1 Tablespoon | 8 g |
| 1/4 Cup | 30 g |
| 1/3 Cup | 40 g |
| 1/2 Cup | 60 g |
| 1 Cup | 120 g |

## Ingredients

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Soy Oil. **Less than 2% of:** L-Leucine, L-Lysine Acetate, Calcium Phosphate, L-Proline, DATEM, L-Glutamine, L-Valine, L-Isoleucine, L-Arginine, Potassium Phosphate, Glycine, L-Alanine, L-Tyrosine, L-Phenylalanine, L-Asparagine, L-Serine, L-Threonine, Sodium Citrate, L-Cystine Dihydrochloride, Potassium Citrate, Magnesium Chloride, L-Histidine, Calcium Carbonate, L-Glutamic Acid, Ascorbic Acid, L-Tryptophan, L-Aspartic Acid, Choline Chloride, Taurine, m-Inositol, Ferrous Sulfate, Zinc Sulfate, Ascorbyl Palmitate, L-Carnitine, dl-Alpha-Tocopheryl Acetate, Niacinamide, Mixed Tocopherols, Calcium Pantothenate, Salt, Cupric Sulfate, Thiamine Chloride Hydrochloride, Manganese Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Beta-Carotene, Potassium Iodide, Biotin, Phylloquinone, Sodium Selenate, Chromium Chloride, Sodium Molybdate, Vitamin $D_3$ and Cyanocobalamin.

## NUTRITION INFORMATION

| | 100 g powder | 100 Cal powder |
|---|---|---|
| **Energy,** Cal | 480 | 100 |
| **Protein equivalent,** g | 15.0 | 3.1 |
| Source | L-amino acids | |
| L-Carnitine, mg | 20 | 4 |
| **Fat,** g | 21.7 | 4.5 |
| Source | High oleic safflower, coconut, and soy oils | |
| Linoleic Acid, mg | 3500 | 729 |
| Linolenic Acid, mg | 350 | 73 |
| **Carbohydrate,** g | 53.0 | 11.0 |
| Source | Corn syrup solids | |
| **Vitamins** | | |
| Vitamin A, IU | 1400 | 292 |
| Vitamin D, IU | 300 | 63 |
| Vitamin E, IU | 15 | 3 |
| Vitamin K, mcg | 50 | 10.4 |
| Thiamin (Vit $B_1$), mcg | 1900 | 396 |
| Riboflavin (Vit $B_2$), mcg | 900 | 188 |
| Vitamin $B_6$, mcg | 750 | 156 |
| Vitamin $B_{12}$, mcg | 4.9 | 1.0 |
| Niacin, mcg | 10,000 | 2083 |
| Folic Acid, mcg | 230 | 48 |
| Pantothenic Acid, mcg | 6900 | 1438 |
| Biotin, mcg | 65 | 13.5 |
| Vitamin C, mg | 50 | 10.4 |

| | 100 g powder | 100 Cal powder |
|---|---|---|
| Choline, mg | 80 | 16.7 |
| Inositol, mg | 40 | 8.3 |
| **Minerals** | | |
| Calcium, mg | 575 | 120 |
| Calcium, mEq | 28.8 | 6.0 |
| Phosphorus, mg | 400 | 83 |
| Magnesium, mg | 50 | 10 |
| Iron, mg | 9 | 1.9 |
| Zinc, mg | 8 | 1.7 |
| Manganese, mcg | 500 | 104 |
| Copper, mcg | 1100 | 229 |
| Iodine, mcg | 65 | 13.5 |
| Selenium, mcg | 20 | 4.2 |
| Chromium, mcg | 11 | 2.3 |
| Molybdenum, mcg | 12 | 2.5 |
| Sodium, mg | 190 | 39.6 |
| Sodium, mEq | 8.3 | 1.7 |
| Potassium, mg | 675 | 140.6 |
| Potassium, mEq | 17.3 | 3.6 |
| Chloride, mg | 410 | 85.4 |
| Chloride, mEq | 11.6 | 2.4 |
| **Other Characteristics** | | |
| PRSL, mOsm | 136 | 28.3 |
| Osmolality, mOsm/kg $H_2O$ | — | 375 (20 Cal/fl oz) |

# Hominex®-2

Amino Acid-Modified
Medical Food


## Description/Indications

Nutrition support of children and adults with vitamin $B_6$-nonresponsive homocystinuria or hypermethioninemia.

## Features

- Methionine-free to allow greater intake of intact protein
- L-cystine, *in a soluble form,* an essential amino acid that is often deficient in diets of children and adults with homocystinuria
- L-carnitine (40 mg/100 g) and taurine (50 mg/100 g) to help supply amounts normally found in foods of animal origin
- Approximately 30% of energy as fat to help supply essential fatty acids
- Nutrient profile specifically designed for children and adults
- When fed according to the *Abbott Nutrition Support Protocols,* provides adequate amounts of all nutrients
- Lactose-free and gluten-free
- Halal

## Precautions

- Do not heat or use in cooking
- Must be supplemented with protein and fluid in prescribed amounts to completely meet methionine and water requirements

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| 14.1 oz (400 g) | can; 6/case | 51118 |

## Preparation

Follow physician's instructions carefully.

Approximate weights for unpacked, level, dry US standard household measures for powder

| Household Measure (US) | Weight (Metric) |
|---|---|
| 1 Tablespoon | 8 g |
| 1/4 Cup | 30 g |
| 1/3 Cup | 40 g |
| 1/2 Cup | 60 g |
| 1 Cup | 120 g |

## Ingredients

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Sodium Citrate, Soy Oil, L-Leucine, L-Lysine Acetate, L-Proline, L-Glutamine, L-Valine, Calcium Phosphate, L-Isoleucine, L-Arginine, Glycine, L-Alanine, L-Tyrosine. **Less than 2% of:** Magnesium Phosphate, L-Phenylalanine, Potassium Chloride, L-Asparagine, L-Serine, L-Threonine, L-Cystine Dihydrochloride, Silicon Dioxide, L-Histidine, DATEM, Potassium Citrate, Potassium Phosphate, L-Glutamic Acid, L-Tryptophan, L-Aspartic Acid, Calcium Carbonate, Ascorbic Acid, Taurine, Choline Chloride, m-Inositol, Ferrous Sulfate, Zinc Sulfate, L-Carnitine, Niacinamide, dl-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Ascorbyl Palmitate, Mixed Tocopherols, Cupric Sulfate, Manganese Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Vitamin A Palmitate, Pyridoxine Hydrochloride, Folic Acid, Chromium Chloride, Potassium Iodide, Beta-Carotene, Biotin, Sodium Selenate, Phylloquinone, Sodium Molybdate, Vitamin $D_3$ and Cyanocobalamin.

## NUTRITION INFORMATION

| | 100 g powder | | 100 g powder |
|---|---|---|---|
| **Energy,** Cal | 410 | Choline, mg | 100 |
| **Protein equivalent,** g | 30 | Inositol, mg | 70 |
| Source | L-amino acids | **Minerals** | |
| L-Carnitine, mg | 40 | Calcium, mg | 880 |
| **Fat,** g | 14 | Calcium, mEq | 44.0 |
| Source | High oleic safflower, coconut, and soy oils | Phosphorus, mg | 760 |
| Linoleic Acid, mg | 2200 | Magnesium, mg | 225 |
| Linolenic Acid, mg | 225 | Iron, mg | 13 |
| **Carbohydrate,** g | 35 | Zinc, mg | 13 |
| Source | Corn syrup solids | Manganese, mg | 0.8 |
| **Vitamins** | | Copper, mg | 1.0 |
| Vitamin A, IU | 2200 | Iodine, mcg | 100 |
| Vitamin D, IU | 300 | Selenium, mcg | 35 |
| Vitamin E, IU | 18 | Chromium, mcg | 27 |
| Vitamin K, mcg | 60 | Molybdenum, mcg | 30 |
| Thiamin (Vit $B_1$), mg | 3.3 | Sodium, mg | 880 |
| Riboflavin (Vit $B_2$), mg | 1.8 | Sodium, mEq | 38.3 |
| Vitamin $B_6$, mg | 1.3 | Potassium, mg | 1370 |
| Vitamin $B_{12}$, mcg | 5.0 | Potassium, mEq | 35.0 |
| Niacin, mg | 16 | Chloride, mg | 1160 |
| Folic Acid, mcg | 450 | Chloride, mEq | 32.7 |
| Pantothenic Acid, mg | 8.0 | **Other Characteristics** | |
| Biotin, mcg | 100 | PRSL, mOsm | 302 |
| Vitamin C, mg | 60 | Osmolality, mOsm/kg $H_2O$ | 1350 (30 Cal/fl oz) |

# I-Valex®-1

Amino Acid-Modified
Infant Formula With Iron


## Description/Indications

Nutrition support of infants and toddlers with a disorder of leucine catabolism.

## Features

- Leucine-free to allow greater intake of intact protein
- Isoleucine and valine to help prevent deficiency of these amino acids
- L-carnitine (900 mg/100 g) to help supply amount normally found in human milk and foods of animal origin and to help excrete toxic metabolites
- Glycine (1000 mg/100 g) to bind with acyl groups and help enhance their excretion in a nontoxic form
- Approximately 40% of energy as fat to help achieve acceptable formula osmolality
- 6.6% of energy as linoleic acid
- Nutrient profile specifically designed for infants and toddlers
- When fed according to the *Abbott Nutrition Support Protocols,* provides adequate amounts of all nutrients
- Lactose-free and gluten-free
- Halal

## Precautions

- Must be supplemented with protein and fluid in prescribed amounts to completely meet leucine and water requirements
- Do not boil mixture or use terminal sterilization

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| 14.1 oz (400 g) | can; 6/case | 51136 |

## Preparation

Follow physician's instructions carefully.

Approximate weights for unpacked, level, dry US standard household measures for powder

| Household Measure (US) | Weight (Metric) |
|---|---|
| 1 Tablespoon | 8 g |
| 1/4 Cup | 30 g |
| 1/3 Cup | 40 g |
| 1/2 Cup | 60 g |
| 1 Cup | 120 g |

## Ingredients

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Soy Oil, L-Alanine, L-Glutamic Acid. **Less than 2% of:** L-Aspartic Acid, L-Proline, L-Lysine Acetate, Calcium Phosphate, L-Arginine, DATEM, Potassium Phosphate, Glycine, L-Carnitine, L-Tyrosine, L-Phenylalanine, L-Serine, L-Threonine, Sodium Citrate, Potassium Citrate, L-Valine, Magnesium Chloride, L-Isoleucine, L-Histidine, L-Methionine, Calcium Carbonate, L-Cystine Dihydrochloride, Ascorbic Acid, L-Tryptophan, Choline Chloride, Taurine, m-Inositol, Ferrous Sulfate, Zinc Sulfate, Ascorbyl Palmitate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Mixed Tocopherols, Calcium Pantothenate, Salt, Cupric Sulfate, Thiamine Chloride Hydrochloride, Manganese Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Beta-Carotene, Potassium Iodide, Biotin, Phylloquinone, Sodium Selenate, Chromium Chloride, Sodium Molybdate, Vitamin $D_3$ and Cyanocobalamin.

## NUTRITION INFORMATION

| | 100 g powder | 100 Cal powder |
|---|---|---|
| **Energy,** Cal | 480 | 100 |
| **Protein equivalent,** g | 15.0 | 3.1 |
| Source | L-amino acids | |
| L-Carnitine, mg | 900 | 188 |
| **Fat,** g | 21.7 | 4.5 |
| Source | High oleic safflower, coconut, and soy oil | |
| Linoleic Acid, mg | 3500 | 729 |
| Linolenic Acid, mg | 350 | 73 |
| **Carbohydrate,** g | 53.0 | 11.0 |
| Source | Corn syrup solids | |
| **Vitamins** | | |
| Vitamin A, IU | 1400 | 292 |
| Vitamin D, IU | 300 | 63 |
| Vitamin E, IU | 15 | 3 |
| Vitamin K, mcg | 50 | 10.4 |
| Thiamin (Vit $B_1$), mcg | 1900 | 396 |
| Riboflavin (Vit $B_2$), mcg | 900 | 188 |
| Vitamin $B_6$, mcg | 750 | 156 |
| Vitamin $B_{12}$, mcg | 4.9 | 1.0 |
| Niacin, mcg | 10,000 | 2083 |
| Folic Acid, mcg | 230 | 48 |
| Pantothenic Acid, mcg | 6900 | 1438 |
| Biotin, mcg | 65 | 13.5 |
| Vitamin C, mg | 50 | 10.4 |

| | 100 g powder | 100 Cal powder |
|---|---|---|
| Choline, mg | 80 | 16.7 |
| Inositol, mg | 40 | 8.3 |
| **Minerals** | | |
| Calcium, mg | 575 | 120 |
| Calcium, mEq | 28.8 | 6.0 |
| Phosphorus, mg | 400 | 83 |
| Magnesium, mg | 50 | 10 |
| Iron, mg | 9 | 1.9 |
| Zinc, mg | 8 | 1.7 |
| Manganese, mcg | 500 | 104 |
| Copper, mcg | 1100 | 229 |
| Iodine, mcg | 65 | 13.5 |
| Selenium, mcg | 20 | 4.2 |
| Chromium, mcg | 11 | 2.3 |
| Molybdenum, mcg | 12 | 2.5 |
| Sodium, mg | 190 | 39.6 |
| Sodium, mEq | 8.3 | 1.7 |
| Potassium, mg | 675 | 140.6 |
| Potassium, mEq | 17.3 | 3.6 |
| Chloride, mg | 325 | 67.7 |
| Chloride, mEq | 9.2 | 1.9 |
| **Other Characteristics** | | |
| PRSL, mOsm | 133 | 27.8 |
| Osmolality, mOsm/kg $H_2O$ | — | 375 (20 Cal/fl oz) |

# I-Valex®-2

Amino Acid-Modified
Medical Food


## Description/Indications

Nutrition support of children and adults with a disorder of leucine catabolism.

## Features

- Leucine-free to allow greater intake of intact protein
- Isoleucine and valine to help prevent deficiency of these amino acids
- L-carnitine (1800 mg/100 g) to help supply amount normally found in foods of animal origin and to help excrete toxic metabolites
- Glycine (2000 mg/100 g) to bind with acyl groups and help enhance their excretion in a nontoxic form
- Approximately 30% of energy as fat to help supply essential fatty acids
- Nutrient profile specifically designed for children and adults
- When fed according to the *Abbott Nutrition Support Protocols,* provides adequate amounts of all nutrients
- Lactose-free and gluten-free
- Halal

## Precautions

- Do not heat or use in cooking
- Must be supplemented with protein and fluid in prescribed amounts to completely meet leucine and water requirements

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| 14.1 oz (400 g) | can; 6/case | 51138 |

## Preparation

Follow physician's instructions carefully.

Approximate weights for unpacked, level, dry US standard household measures for powder

| Household Measure (US) | Weight (Metric) |
|---|---|
| 1 Tablespoon | 8 g |
| 1/4 Cup | 30 g |
| 1/3 Cup | 40 g |
| 1/2 Cup | 60 g |
| 1 Cup | 120 g |

## Ingredients

Corn Syrup Solids, L-Alanine, High Oleic Safflower Oil, Coconut Oil, Sodium Citrate, Soy Oil, L-Glutamic Acid, L-Aspartic Acid, L-Arginine, L-Proline, L-Lysine Acetate, Calcium Phosphate, L-Glycine, L-Carnitine, L-Tyrosine. **Less than 2% of:** L-Phenylalanine, Magnesium Phosphate, Potassium Chloride, L-Serine, L-Threonine, Silicon Dioxide, L-Valine, L-Isoleucine, L-Histidine, DATEM, Potassium Citrate, Potassium Phosphate, L-Methionine, L-Cystine Dihydrochloride, L-Tryptophan, Calcium Carbonate, Ascorbic Acid, Taurine, Choline Chloride, m-Inositol, Ferrous Sulfate, Zinc Sulfate, Niacinamide, dl-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Ascorbyl Palmitate, Mixed Tocopherols, Cupric Sulfate, Manganese Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Vitamin A Palmitate, Pyridoxine Hydrochloride, Folic Acid, Chromium Chloride, Potassium Iodide, Beta-Carotene, Biotin, Sodium Selenate, Phylloquinone, Sodium Molybdate, Vitamin $D_3$ and Cyanocobalamin.

### NUTRITION INFORMATION

| | 100 g powder | | 100 g powder |
|---|---|---|---|
| **Energy,** Cal | 410 | Choline, mg | 100 |
| **Protein equivalent,** g | 30 | Inositol, mg | 70 |
| Source | L-amino acids | **Minerals** | |
| L-Carnitine, mg | 1800 | Calcium, mg | 880 |
| **Fat,** g | 13 | Calcium, mEq | 44.0 |
| Source | High oleic safflower, coconut, and soy oils | Phosphorus, mg | 760 |
| Linoleic Acid, mg | 2200 | Magnesium, mg | 225 |
| Linolenic Acid, mg | 225 | Iron, mg | 13 |
| **Carbohydrate,** g | 35 | Zinc, mg | 13 |
| Source | Corn syrup solids | Manganese, mg | 0.8 |
| **Vitamins** | | Copper, mg | 1.0 |
| Vitamin A, IU | 2200 | Iodine, mcg | 100 |
| Vitamin D, IU | 300 | Selenium, mcg | 35 |
| Vitamin E, IU | 18 | Chromium, mcg | 27 |
| Vitamin K, mcg | 60 | Molybdenum, mcg | 30 |
| Thiamin (Vit $B_1$), mg | 3.3 | Sodium, mg | 880 |
| Riboflavin (Vit $B_2$), mg | 1.8 | Sodium, mEq | 38.3 |
| Vitamin $B_6$, mg | 1.3 | Potassium, mg | 1370 |
| Vitamin $B_{12}$, mcg | 5.0 | Potassium, mEq | 35.0 |
| Niacin, mg | 16 | Chloride, mg | 940 |
| Folic Acid, mcg | 430 | Chloride, mEq | 26.5 |
| Pantothenic Acid, mg | 8.0 | **Other Characteristics** | |
| Biotin, mcg | 100 | PRSL, mOsm | 296 |
| Vitamin C, mg | 60 | Osmolality, mOsm/kg $H_2O$ | 1390 (30 Cal/fl oz) |

# Ketonex®-1

Amino Acid-Modified
Infant Formula With Iron


## Description/Indications

Nutrition support of infants and toddlers with maple syrup urine disease (MSUD) or beta-ketothiolase deficiency.

## Features

- Branched-chain amino acid-free to allow greater intake of intact protein
- L-carnitine (100 mg/100 g) and taurine (40 mg/100 g) to help supply amounts normally found in human milk and foods of animal origin
- Approximately 40% of energy as fat to help achieve acceptable formula osmolality
- 6.6% of energy as linoleic acid
- Nutrient profile specifically designed for infants and toddlers
- When fed according to the *Abbott Nutrition Support Protocols,* provides adequate amounts of all nutrients
- Lactose-free and gluten-free
- Halal

## Precautions

- Must be supplemented with protein and fluid in prescribed amounts to completely meet isoleucine, leucine, valine, and water requirements
- Do not boil mixture or use terminal sterilization

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| 14.1 oz (400 g) | can; 6/case | 51112 |

## Preparation

Follow physician's instructions carefully.

Approximate weights for unpacked, level, dry US standard household measures for powder

| Household Measure (US) | Weight (Metric) |
|---|---|
| 1 Tablespoon | 8 g |
| 1/4 Cup | 30 g |
| 1/3 Cup | 40 g |
| 1/2 Cup | 60 g |
| 1 Cup | 120 g |

## Ingredients

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Soy Oil, L-Alanine, L-Proline. **Less than 2% of:** L-Lysine Acetate, L-Arginine, Calcium Phosphate, DATEM, L-Glutamine, Potassium Phosphate, Glycine, L-Tyrosine, L-Phenylalanine, L-Serine, L-Asparagine, L-Threonine, Sodium Citrate, Potassium Citrate, Magnesium Chloride, L-Histidine, L-Methionine, Calcium Carbonate, L-Glutamic Acid, Ascorbic Acid, L-Cystine Dihydrochloride, L-Tryptophan, L-Aspartic Acid, Choline Chloride, L-Carnitine, Taurine, m-Inositol, Ferrous Sulfate, Zinc Sulfate, Ascorbyl Palmitate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Mixed Tocopherols, Calcium Pantothenate, Salt, Cupric Sulfate, Thiamine Chloride Hydrochloride, Manganese Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Beta-Carotene, Potassium Iodide, Biotin, Phylloquinone, Sodium Selenate, Chromium Chloride, Sodium Molybdate, Vitamin $D_3$ and Cyanocobalamin.

## NUTRITION INFORMATION

| | 100 g powder | 100 Cal powder |
|---|---|---|
| **Energy,** Cal | 480 | 100 |
| **Protein equivalent,** g | 15.0 | 3.1 |
| Source | L-amino acids | |
| L-Carnitine, mg | 100 | 21 |
| **Fat,** g | 21.7 | 4.5 |
| Source | High oleic safflower, coconut, and soy oils | |
| Linoleic Acid, mg | 3500 | 729 |
| Linolenic Acid, mg | 350 | 73 |
| **Carbohydrate,** g | 53.0 | 11.0 |
| Source | Corn syrup solids | |
| **Vitamins** | | |
| Vitamin A, IU | 1400 | 292 |
| Vitamin D, IU | 300 | 63 |
| Vitamin E, IU | 15 | 3 |
| Vitamin K, mcg | 50 | 10.4 |
| Thiamin (Vit $B_1$), mcg | 1900 | 396 |
| Riboflavin (Vit $B_2$), mcg | 900 | 188 |
| Vitamin $B_6$, mcg | 750 | 156 |
| Vitamin $B_{12}$, mcg | 4.9 | 1.0 |
| Niacin, mcg | 10,000 | 2083 |
| Folic Acid, mcg | 230 | 48 |
| Pantothenic Acid, mcg | 6900 | 1438 |
| Biotin, mcg | 65 | 13.5 |
| Vitamin C, mg | 50 | 10.4 |

| | 100 g powder | 100 Cal powder |
|---|---|---|
| Choline, mg | 80 | 16.7 |
| Inositol, mg | 40 | 8.3 |
| **Minerals** | | |
| Calcium, mg | 575 | 120 |
| Calcium, mEq | 28.8 | 6.0 |
| Phosphorus, mg | 400 | 83 |
| Magnesium, mg | 50 | 10 |
| Iron, mg | 9 | 1.9 |
| Zinc, mg | 8 | 1.7 |
| Manganese, mcg | 500 | 104 |
| Copper, mcg | 1100 | 229 |
| Iodine, mcg | 65 | 13.5 |
| Selenium, mcg | 20 | 4.2 |
| Chromium, mcg | 11 | 2.3 |
| Molybdenum, mcg | 12 | 2.5 |
| Sodium, mg | 190 | 39.6 |
| Sodium, mEq | 8.3 | 1.7 |
| Potassium, mg | 675 | 140.6 |
| Potassium, mEq | 17.3 | 3.6 |
| Chloride, mg | 325 | 67.7 |
| Chloride, mEq | 9.2 | 1.9 |
| **Other Characteristics** | | |
| PRSL, mOsm | 133 | 27.8 |
| Osmolality, mOsm/kg $H_2O$ | — | 365 (20 Cal/fl oz) |

# Ketonex®-2

Amino Acid-Modified
Medical Food


## Description/Indications

Nutrition support of infants and toddlers with maple syrup urine disease (MSUD) or beta-ketothiolase deficiency.

## Features

- Branched-chain amino acid-free to allow greater intake of intact protein
- L-carnitine (200 mg/100 g) and taurine (50 mg/100 g) to help supply amounts normally found in foods of animal origin
- Approximately 30% of energy as fat to help supply essential fatty acids
- Nutrient profile specifically designed for children and adults
- When fed according to the *Abbott Nutrition Support Protocols,* provides adequate amounts of all nutrients
- Lactose-free and gluten-free
- Halal

## Precautions

- Do not heat or use in cooking
- Must be supplemented with protein and fluid in prescribed amounts to completely meet isoleucine, leucine, valine, and water requirements

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| 14.1 oz (400 g) | can; 6/case | 51114 |

## Preparation

Follow physician's instructions carefully.

Approximate weights for unpacked, level, dry US standard household measures for powder

| Household Measure (US) | Weight (Metric) |
|---|---|
| 1 Tablespoon | 8 g |
| 1/4 Cup | 30 g |
| 1/3 Cup | 40 g |
| 1/2 Cup | 60 g |
| 1 Cup | 120 g |

## Ingredients

Corn Syrup Solids, L-Alanine, High Oleic Safflower Oil, Coconut Oil, Sodium Citrate, Soy Oil, L-Proline, L-Lysine Acetate, L-Arginine, Calcium Phosphate, L-Glutamine, Glycine, Magnesium Phosphate, Potassium Chloride, L-Tyrosine. **Less than 2% of:** L-Serine, L-Phenylalanine, L-Asparagine, L-Threonine, Silicon Dioxide, DATEM, L-Histidine, Potassium Citrate, Potassium Phosphate, L-Methionine, L-Glutamic Acid, L-Cystine Dihydrochloride, L-Tryptophan, L-Aspartic Acid, Calcium Carbonate, Ascorbic Acid, L-Carnitine, Taurine, Choline Chloride, m-Inositol, Ferrous Sulfate, Zinc Sulfate, Niacinamide, dl-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Ascorbyl Palmitate, Mixed Tocopherols, Cupric Sulfate, Manganese Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Vitamin A Palmitate, Pyridoxine Hydrochloride, Folic Acid, Chromium Chloride, Potassium Iodide, Beta-Carotene, Biotin, Sodium Selenate, Phylloquinone, Sodium Molybdate, Vitamin $D_3$ and Cyanocobalamin.

## NUTRITION INFORMATION

| | 100 g powder | | 100 g powder |
|---|---|---|---|
| **Energy,** Cal | 410 | Choline, mg | 100 |
| **Protein equivalent,** g | 30 | Inositol, mg | 70 |
| Source | L-amino acids | **Minerals** | |
| L-Carnitine, mg | 200 | Calcium, mg | 880 |
| **Fat,** g | 14 | Calcium, mEq | 44.0 |
| Source | High oleic safflower, coconut, and soy oils | Phosphorus, mg | 760 |
| Linoleic Acid, mg | 2200 | Magnesium, mg | 225 |
| Linolenic Acid, mg | 225 | Iron, mg | 13 |
| **Carbohydrate,** g | 35 | Zinc, mg | 13 |
| Source | Corn syrup solids | Manganese, mg | 0.8 |
| **Vitamins** | | Copper, mg | 1.0 |
| Vitamin A, IU | 2200 | Iodine, mcg | 100 |
| Vitamin D, IU | 300 | Selenium, mcg | 35 |
| Vitamin E, IU | 18 | Chromium, mcg | 27 |
| Vitamin K, mcg | 60 | Molybdenum, mcg | 30 |
| Thiamin (Vit $B_1$), mg | 3.3 | Sodium, mg | 880 |
| Riboflavin (Vit $B_2$), mg | 1.8 | Sodium, mEq | 38.3 |
| Vitamin $B_6$, mg | 1.3 | Potassium, mg | 1370 |
| Vitamin $B_{12}$, mcg | 5.0 | Potassium, mEq | 35.0 |
| Niacin, mg | 16 | Chloride, mg | 940 |
| Folic Acid, mcg | 450 | Chloride, mEq | 26.5 |
| Pantothenic Acid, mg | 8.0 | **Other Characteristics** | |
| Biotin, mcg | 100 | PRSL, mOsm | 296 |
| Vitamin C, mg | 60 | Osmolality, mOsm/kg $H_2O$ | 1315 (30 Cal/fl oz) |

# Phenex™-1

Amino Acid-Modified
Infant Formula With Iron


## Description/Indications

Nutrition support of infants and toddlers with phenylketonuria (PKU) or hyperphenylalaninemia.

## Features

- Phenylalanine-free to allow greater intake of intact protein
- L-tyrosine, an essential amino acid that is often deficient in infants with PKU
- L-carnitine (20 mg/100 g) and taurine (40 mg/100 g) to help supply amounts normally found in human milk and foods of animal origin
- Approximately 40% of energy as fat to help achieve acceptable formula osmolality
- 6.6% of energy as linoleic acid
- Nutrient profile specifically designed for infants and toddlers
- When fed according to the *Abbott Nutrition Support Protocols*, provides adequate amounts of all nutrients
- Lactose-free and gluten-free
- Halal

## Precautions

- Must be supplemented with protein and fluid in prescribed amounts to completely meet phenylalanine and water requirements
- Do not boil mixture or use terminal sterilization

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| 14.1 oz (400 g) | can; 6/case | 51120 |

## Preparation

Follow physician's instructions carefully.

Approximate weights for unpacked, level, dry US standard household measures for powder

| Household Measure (US) | Weight (Metric) |
|---|---|
| 1 Tablespoon | 8 g |
| 1/4 Cup | 30 g |
| 1/3 Cup | 40 g |
| 1/2 Cup | 60 g |
| 1 Cup | 120 g |

## Ingredients

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Soy Oil. **Less than 2% of:** L-Leucine, L-Tyrosine, L-Proline, L-Lysine Acetate, Calcium Phosphate, DATEM, L-Glutamine, L-Valine, L-Isoleucine, L-Arginine, Potassium Phosphate, L-Alanine, Glycine, L-Asparagine, L-Serine, L-Threonine, Sodium Citrate, Potassium Citrate, Magnesium Chloride, L-Histidine, L-Methionine, Calcium Carbonate, L-Glutamic Acid, Ascorbic Acid, L-Cystine Dihydrochloride, L-Tryptophan, L-Aspartic Acid, Choline Chloride, Taurine, m-Inositol, Ferrous Sulfate, Zinc Sulfate, Ascorbyl Palmitate, L-Carnitine, dl-Alpha-Tocopheryl Acetate, Niacinamide, Mixed Tocopherols, Calcium Pantothenate, Salt, Cupric Sulfate, Thiamine Chloride Hydrochloride, Manganese Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Beta-Carotene, Potassium Iodide, Biotin, Phylloquinone, Sodium Selenate, Chromium Chloride, Sodium Molybdate, Vitamin $D_3$ and Cyanocobalamin.

## NUTRITION INFORMATION

| | 100 g powder | 100 Cal powder |
|---|---|---|
| **Energy,** Cal | 480 | 100 |
| **Protein equivalent,** g | 15.0 | 3.1 |
| Source | L-amino acids | |
| L-Carnitine, mg | 20 | 4 |
| **Fat,** g | 21.7 | 4.5 |
| Source | High oleic safflower, coconut, and soy oils | |
| Linoleic Acid, mg | 3500 | 729 |
| Linolenic Acid, mg | 350 | 73 |
| **Carbohydrate,** g | 53.0 | 11.0 |
| Source | Corn syrup solids | |
| **Vitamins** | | |
| Vitamin A, IU | 1400 | 292 |
| Vitamin D, IU | 300 | 63 |
| Vitamin E, IU | 15 | 3 |
| Vitamin K, mcg | 50 | 10.4 |
| Thiamin (Vit $B_1$), mcg | 1900 | 396 |
| Riboflavin (Vit $B_2$), mcg | 900 | 188 |
| Vitamin $B_6$, mcg | 750 | 156 |
| Vitamin $B_{12}$, mcg | 4.9 | 1.0 |
| Niacin, mcg | 10,000 | 2083 |
| Folic Acid, mcg | 230 | 48 |
| Pantothenic Acid, mcg | 6900 | 1438 |
| Biotin, mcg | 65 | 13.5 |
| Vitamin C, mg | 50 | 10.4 |

| | 100 g powder | 100 Cal powder |
|---|---|---|
| Choline, mg | 80 | 16.7 |
| Inositol, mg | 40 | 8.3 |
| **Minerals** | | |
| Calcium, mg | 575 | 120 |
| Calcium, mEq | 28.8 | 6.0 |
| Phosphorus, mg | 400 | 83 |
| Magnesium, mg | 50 | 10 |
| Iron, mg | 9 | 1.9 |
| Zinc, mg | 8 | 1.7 |
| Manganese, mcg | 500 | 104 |
| Copper, mcg | 1100 | 229 |
| Iodine, mcg | 65 | 13.5 |
| Selenium, mcg | 20 | 4.2 |
| Chromium, mcg | 11 | 2.3 |
| Molybdenum, mcg | 12 | 2.5 |
| Sodium, mg | 190 | 39.6 |
| Sodium, mEq | 8.3 | 1.7 |
| Potassium, mg | 675 | 140.6 |
| Potassium, mEq | 17.3 | 3.6 |
| Chloride, mg | 325 | 67.7 |
| Chloride, mEq | 9.2 | 1.9 |
| **Other Characteristics** | | |
| PRSL, mOsm | 133 | 27.8 |
| Osmolality, mOsm/kg $H_2O$ | — | 370 (20 Cal/fl oz) |

# Phenex™-2

Amino Acid-Modified
Medical Food


## Description/Indications

Nutrition support of children and adults with phenylketonuria (PKU) or hyperphenylalaninemia.

## Features

- Phenylalanine-free to allow greater intake of intact protein
- L-tyrosine, an essential amino acid that is often deficient in patients with PKU
- L-carnitine (40 mg/100 g) and taurine (50 mg/100 g) to help supply amounts normally found in foods of animal origin
- Approximately 30% of energy as fat to help supply essential fatty acids
- Nutrient profile specifically designed for children and adults
- When fed according to the *Abbott Nutrition Support Protocols,* provides adequate amounts of all nutrients
- Lactose-free and gluten-free
- Halal

## Precautions

- Do not heat or use in cooking
- Must be supplemented with protein and fluid in prescribed amounts to completely meet phenylalanine and water requirements

## Availability: Hospital/Institutional

| Flavor | Size | Container | List No. |
|---|---|---|---|
| Unflavored | 14.1 oz (400 g) | can; 6/case | 51122 |
| Vanilla | 14.1 oz (400 g) | can; 6/case | 55755 |

## Preparation

Follow physician's instructions carefully.

Approximate weights for unpacked, level, dry US standard household measures for powder

| Household Measure (US) | Weight (Metric) |
|---|---|
| 1 Tablespoon | 8 g |
| 1/4 Cup | 30 g |
| 1/3 Cup | 40 g |
| 1/2 Cup | 60 g |
| 1 Cup | 120 g |

## Ingredients

**Unflavored:** Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Sodium Citrate, Soy Oil, L-Leucine, L-Tyrosine, L-Proline, L-Lysine Acetate, L-Glutamine, L-Valine, Calcium Phosphate, L-Isoleucine, L-Arginine, L-Alanine, Glycine, Magnesium Phosphate. **Less than 2% of:** Potassium Chloride, L-Asparagine, L-Serine, L-Threonine, Silicon Dioxide, L-Histidine, DATEM, Potassium Citrate, Potassium Phosphate, L-Methionine, L-Glutamic Acid, L-Cystine Dihydrochloride, L-Tryptophan, L-Aspartic Acid, Calcium Carbonate, Ascorbic Acid, Taurine, Choline Chloride, m-Inositol, Ferrous Sulfate, Zinc Sulfate, L-Carnitine, Niacinamide, dl-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Ascorbyl Palmitate, Mixed Tocopherols, Cupric Sulfate, Manganese Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Vitamin A Palmitate, Pyridoxine Hydrochloride, Folic Acid, Chromium Chloride, Potassium Iodide, Beta-Carotene, Biotin, Sodium Selenate, Phylloquinone, Sodium Molybdate, Vitamin $D_3$ and Cyanocobalamin.

### NUTRITION INFORMATION, UNFLAVORED

| | 100 g powder | | 100 g powder |
|---|---|---|---|
| **Energy,** Cal | 410 | Choline, mg | 100 |
| **Protein equivalent,** g | 30 | Inositol, mg | 70 |
| Source | L-amino acids | **Minerals** | |
| L-Carnitine, mg | 40 | Calcium, mg | 880 |
| **Fat,** g | 14 | Calcium, mEq | 44.0 |
| Source | High oleic safflower, coconut, and soy oils | Phosphorus, mg | 760 |
| Linoleic Acid, mg | 2200 | Magnesium, mg | 225 |
| Linolenic Acid, mg | 225 | Iron, mg | 13 |
| **Carbohydrate,** g | 35 | Zinc, mg | 13 |
| Source | Corn syrup solids | Manganese, mg | 0.8 |
| **Vitamins** | | Copper, mg | 1.0 |
| Vitamin A, IU | 2200 | Iodine, mcg | 100 |
| Vitamin D, IU | 300 | Selenium, mcg | 35 |
| Vitamin E, IU | 18 | Chromium, mcg | 27 |
| Vitamin K, mcg | 60 | Molybdenum, mcg | 30 |
| Thiamin (Vit $B_1$), mg | 3.3 | Sodium, mg | 880 |
| Riboflavin (Vit $B_2$), mg | 1.8 | Sodium, mEq | 38.3 |
| Vitamin $B_6$, mg | 1.3 | Potassium, mg | 1370 |
| Vitamin $B_{12}$, mcg | 5.0 | Potassium, mEq | 35.0 |
| Niacin, mg | 16 | Chloride, mg | 940 |
| Folic Acid, mcg | 450 | Chloride, mEq | 26.5 |
| Pantothenic Acid, mg | 8.0 | **Other Characteristics** | |
| Biotin, mcg | 100 | PRSL, mOsm | 296 |
| Vitamin C, mg | 60 | Osmolality, mOsm/kg $H_2O$ | 1215 (30 Cal/fl oz) Unflavored |
| | | | 1290 (30 Cal/fl oz) Vanilla |

# Pro-Phree®

Protein-Free Energy Module
With Iron, Vitamins & Minerals


## Description/Indications

Nutrition support of infants and toddlers who require extra calories, minerals, and vitamins and/or protein restriction.

## Features

- Protein-free to permit protein restriction or the addition of extra energy, minerals, and vitamins
- L-carnitine (25 mg/100 g) and taurine (50 mg/100 g) to help supply amounts normally found in human milk and foods of animal origin
- Approximately 49% of energy as fat to help achieve acceptable formula osmolality
- 7.8% of energy as linoleic acid
- Nutrient profile specifically designed for infants and toddlers. May be used by children and adults
- Lactose-free and gluten-free
- Halal

## Precautions

- Must be used with a source of intact protein or amino acids and fluid to completely meet nutrient and water requirements
- Not a substitute for standard infant formula or intended for use as the sole source of nutrition
- Do not boil mixture or use terminal sterilization

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| 14.1 oz (400 g) | can; 6/case | 51148 |

## Preparation

Follow physician's instructions carefully.

Approximate weights for unpacked, level, dry US standard household measures for powder

| Household Measure (US) | Weight (Metric) |
|---|---|
| 1 Tablespoon | 8 g |
| 1/4 Cup | 30 g |
| 1/3 Cup | 40 g |
| 1/2 Cup | 60 g |
| 1 Cup | 120 g |

## Ingredients

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Soy Oil. **Less than 2% of:** Calcium Phosphate, DATEM, Potassium Phosphate, Sodium Citrate, Potassium Citrate, Magnesium Chloride, Calcium Carbonate, Ascorbic Acid, Choline Chloride, Taurine, m-Inositol, Ferrous Sulfate, Zinc Sulfate, Ascorbyl Palmitate, L-Carnitine, dl-Alpha-Tocopheryl Acetate, Niacinamide, Mixed Tocopherols, Calcium Pantothenate, Salt, Cupric Sulfate, Thiamine Chloride Hydrochloride, Manganese Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Beta-Carotene, Potassium Iodide, Biotin, Phylloquinone, Sodium Selenate, Chromium Chloride, Sodium Molybdate, Vitamin $D_3$ and Cyanocobalamin.

### NUTRITION INFORMATION

| | 100 g powder | 100 Cal powder |
|---|---|---|
| **Energy,** Cal | 510 | 100 |
| **Protein equivalent,** g | 0 | 0 |
| Source | — | — |
| **Fat,** g | 28.0 | 5.5 |
| Source | High oleic safflower, coconut, and soy oils | |
| Linoleic Acid, mg | 4400 | 863 |
| Linolenic Acid, mg | 400 | 78 |
| **Carbohydrate,** g | 65.0 | 12.7 |
| Source | Corn syrup solids | |
| **Vitamins** | | |
| Vitamin A, IU | 2000 | 392 |
| Vitamin D, IU | 400 | 78 |
| Vitamin E, IU | 19 | 4 |
| Vitamin K, mcg | 60 | 11.7 |
| Thiamin (Vit $B_1$), mcg | 2100 | 412 |
| Riboflavin (Vit $B_2$), mcg | 1000 | 196 |
| Vitamin $B_6$, mcg | 970 | 190 |
| Vitamin $B_{12}$, mcg | 6.5 | 1.3 |
| Niacin, mcg | 14,000 | 2745 |
| Folic Acid, mcg | 300 | 58.8 |
| Pantothenic Acid, mcg | 7000 | 1373 |
| Biotin, mcg | 80 | 15.7 |
| Vitamin C, mg | 70 | 13.7 |
| Choline, mg | 100 | 19.6 |
| Inositol, mg | 50 | 9.8 |
| **Minerals** | | |
| Calcium, mg | 750 | 147 |
| Calcium, mEq | 37.5 | 7.3 |
| Phosphorus, mg | 525 | 103 |
| Magnesium, mg | 70 | 13.7 |
| Iron, mg | 11.9 | 2.3 |
| Zinc, mg | 11 | 2.2 |
| Manganese, mcg | 700 | 137 |
| Copper, mcg | 1450 | 284 |
| Iodine, mcg | 80 | 15.7 |
| Selenium, mcg | 30 | 5.9 |
| Chromium, mcg | 14 | 2.8 |
| Molybdenum, mcg | 15 | 2.9 |
| Sodium, mg | 250 | 49 |
| Sodium, mEq | 10.9 | 2.1 |
| Potassium, mg | 875 | 172 |
| Potassium, mEq | 22.4 | 4.4 |
| Chloride, mg | 350 | 69 |
| Chloride, mEq | 9.9 | 1.9 |
| **Other Characteristics** | | |
| PRSL, mOsm | 60 | 11.8 |
| Osmolality, mOsm/kg $H_2O$ | — | 205 (20 Cal/fl oz) |

# Propimex®-1

Amino Acid-Modified
Infant Formula With Iron


## Description/Indications

Nutrition support of infants and toddlers with propionic or methylmalonic acidemia.

## Features

- Methionine- and valine-free to allow greater intake of intact protein; low in isoleucine and threonine
- L-carnitine (900 mg/100 g) to help supply amount normally found in human milk and foods of animal origin and to help excrete toxic metabolites
- Taurine (40 mg/100 g) to supply amount normally found in human milk and foods of animal origin
- Approximately 40% of energy as fat to help achieve acceptable formula osmolality
- 6.6% of energy as linoleic acid
- Nutrient profile specifically designed for infants and toddlers
- When fed according to the *Abbott Nutrition Support Protocols,* provides adequate amounts of all nutrients
- Lactose-free and gluten-free
- Halal

## Precautions

- Must be supplemented with protein and fluid in prescribed amounts to completely meet isoleucine, methionine, threonine, valine, and water requirements
- Do not boil mixture or use terminal sterilization

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| 14.1 oz (400 g) | can; 6/case | 51132 |

## Preparation

Follow physician's instructions carefully.

Approximate weights for unpacked, level, dry US standard household measures for powder

| Household Measure (US) | Weight (Metric) |
|---|---|
| 1 Tablespoon | 8 g |
| 1/4 Cup | 30 g |
| 1/3 Cup | 40 g |
| 1/2 Cup | 60 g |
| 1 Cup | 120 g |

## Ingredients

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Soy Oil, L-Alanine, L-Glutamic Acid. **Less than 2% of:** L-Proline, L-Aspartic Acid, L-Arginine, L-Lysine Acetate, L-Leucine, Calcium Phosphate, DATEM, Potassium Phosphate, L-Carnitine, L-Tyrosine, L-Phenylalanine, L-Serine, Sodium Citrate, L-Cystine Dihydrochloride, Potassium Citrate, Glycine, Magnesium Chloride, L-Histidine, Calcium Carbonate, Ascorbic Acid, L-Tryptophan, L-Isoleucine, Choline Chloride, L-Threonine, Taurine, m-Inositol, Ferrous Sulfate, Zinc Sulfate, Ascorbyl Palmitate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Mixed Tocopherols, Calcium Pantothenate, Salt, Cupric Sulfate, Thiamine Chloride Hydrochloride, Manganese Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Beta-Carotene, Potassium Iodide, Biotin, Phylloquinone, Sodium Selenate, Chromium Chloride, Sodium Molybdate, Vitamin $D_3$ and Cyanocobalamin.

## NUTRITION INFORMATION

| | 100 g powder | 100 Cal powder |
|---|---|---|
| **Energy,** Cal | 480 | 100 |
| **Protein equivalent,** g | 15.0 | 3.1 |
| Source | L-amino acids | |
| L-Carnitine, mg | 900 | 188 |
| **Fat,** g | 21.7 | 4.5 |
| Source | High oleic safflower, coconut, and soy oils | |
| Linoleic Acid, mg | 3500 | 729 |
| Linolenic Acid, mg | 350 | 73 |
| **Carbohydrate,** g | 53.0 | 11.0 |
| Source | Corn syrup solids | |
| **Vitamins** | | |
| Vitamin A, IU | 1400 | 292 |
| Vitamin D, IU | 300 | 63 |
| Vitamin E, IU | 15 | 3 |
| Vitamin K, mcg | 50 | 10.4 |
| Thiamin (Vit $B_1$), mcg | 1900 | 396 |
| Riboflavin (Vit $B_2$), mcg | 900 | 188 |
| Vitamin $B_6$, mcg | 750 | 156 |
| Vitamin $B_{12}$, mcg | 4.9 | 1.0 |
| Niacin, mcg | 10,000 | 2083 |
| Folic Acid, mcg | 230 | 48 |
| Pantothenic Acid, mcg | 6900 | 1438 |
| Biotin, mcg | 65 | 13.5 |
| Vitamin C, mg | 50 | 10.4 |

| | 100 g powder | 100 Cal powder |
|---|---|---|
| Choline, mg | 80 | 16.7 |
| Inositol, mg | 40 | 8.3 |
| **Minerals** | | |
| Calcium, mg | 575 | 120 |
| Calcium, mEq | 28.8 | 6.0 |
| Phosphorus, mg | 400 | 83 |
| Magnesium, mg | 50 | 10 |
| Iron, mg | 9 | 1.9 |
| Zinc, mg | 8 | 1.7 |
| Manganese, mcg | 500 | 104 |
| Copper, mcg | 1100 | 229 |
| Iodine, mcg | 65 | 13.5 |
| Selenium, mcg | 20 | 4.2 |
| Chromium, mcg | 11 | 2.3 |
| Molybdenum, mcg | 12 | 2.5 |
| Sodium, mg | 190 | 39.6 |
| Sodium, mEq | 8.3 | 1.7 |
| Potassium, mg | 675 | 140.6 |
| Potassium, mEq | 17.3 | 3.6 |
| Chloride, mg | 410 | 85.4 |
| Chloride, mEq | 11.6 | 2.4 |
| **Other Characteristics** | | |
| PRSL, mOsm | 136 | 28.3 |
| Osmolality, mOsm/kg $H_2O$ | — | 370 (20 Cal/fl oz) |

# Propimex®-2

Amino Acid-Modified
Medical Food


## Description/Indications

Nutrition support of children and adults with propionic or methylmalonic acidemia.

## Features

- Methionine- and valine-free to allow greater intake of intact protein; low in isoleucine and threonine
- L-carnitine (1800 mg/100 g) to help supply amount normally found in foods of animal origin and to help excrete toxic metabolites
- Taurine (50 mg/100 g) to help supply amount normally found in foods of animal origin
- Approximately 30% of energy as fat to help supply essential fatty acids
- Nutrient profile specifically designed for children and adults
- When fed according to the *Abbott Nutrition Support Protocols,* provides adequate amounts of all nutrients
- Lactose-free and gluten-free
- Halal

## Precautions

- Do not heat or use in cooking
- Must be supplemented with protein and fluid in prescribed amounts to completely meet isoleucine, methionine, threonine, valine, and water requirements

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| 14.1 oz (400 g) | can; 6/case | 51134 |

## Preparation

Follow physician's instructions carefully.

Approximate weights for unpacked, level, dry US standard household measures for powder

| Household Measure (US) | Weight (Metric) |
|---|---|
| 1 Tablespoon | 8 g |
| 1/4 Cup | 30 g |
| 1/3 Cup | 40 g |
| 1/2 Cup | 60 g |
| 1 Cup | 120 g |

## Ingredients

Corn Syrup Solids, L-Alanine, L-Glutamic Acid, High Oleic Safflower Oil, Coconut Oil, Sodium Citrate, Soy Oil, L-Proline, L-Aspartic Acid, L-Arginine, L-Lysine Acetate, L-Leucine, Calcium Phosphate, L-Carnitine, L-Tyrosine. **Less than 2% of:** L-Phenylalanine, L-Serine, Magnesium Phosphate, Potassium Chloride, L-Cystine Dihydrochloride, Silicon Dioxide, Glycine, L-Histidine, DATEM, Potassium Citrate, Potassium Phosphate, L-Tryptophan, L-Isoleucine, Calcium Carbonate, Ascorbic Acid, L-Threonine, Taurine, Choline Chloride, m-Inositol, Ferrous Sulfate, Zinc Sulfate, Niacinamide, dl-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Ascorbyl Palmitate, Mixed Tocopherols, Cupric Sulfate, Manganese Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Vitamin A Palmitate, Pyridoxine Hydrochloride, Folic Acid, Chromium Chloride, Potassium Iodide, Beta-Carotene, Biotin, Sodium Selenate, Phylloquinone, Sodium Molybdate, Vitamin $D_3$ and Cyanocobalamin.

### NUTRITION INFORMATION

| | 100 g powder | | 100 g powder |
|---|---|---|---|
| **Energy,** Cal | 410 | Choline, mg | 100 |
| **Protein equivalent,** g | 30 | Inositol, mg | 70 |
| Source | L-amino acids | **Minerals** | |
| L-Carnitine, mg | 1800 | Calcium, mg | 880 |
| **Fat,** g | 13 | Calcium, mEq | 44.0 |
| Source | High oleic safflower, coconut, and soy oils | Phosphorus, mg | 760 |
| Linoleic Acid, mg | 2200 | Magnesium, mg | 225 |
| Linolenic Acid, mg | 225 | Iron, mg | 13 |
| **Carbohydrate,** g | 35 | Zinc, mg | 13 |
| Source | Corn syrup solids | Manganese, mg | 0.8 |
| **Vitamins** | | Copper, mg | 1.0 |
| Vitamin A, IU | 2200 | Iodine, mcg | 100 |
| Vitamin D, IU | 300 | Selenium, mcg | 35 |
| Vitamin E, IU | 18 | Chromium, mcg | 27 |
| Vitamin K, mcg | 60 | Molybdenum, mcg | 30 |
| Thiamin (Vit $B_1$), mg | 3.3 | Sodium, mg | 880 |
| Riboflavin (Vit $B_2$), mg | 1.8 | Sodium, mEq | 38.3 |
| Vitamin $B_6$, mg | 1.3 | Potassium, mg | 1370 |
| Vitamin $B_{12}$, mcg | 5.0 | Potassium, mEq | 35.0 |
| Niacin, mg | 16 | Chloride, mg | 1160 |
| Folic Acid, mcg | 430 | Chloride, mEq | 32.7 |
| Pantothenic Acid, mg | 8.0 | **Other Characteristics** | |
| Biotin, mcg | 100 | PRSL, mOsm | 302 |
| Vitamin C, mg | 60 | Osmolality, mOsm/kg $H_2O$ | 1350 (30 Cal/fl oz) |

# ProViMin®

Protein-Vitamin-Mineral
Module With Iron


## Description/Indications

For use in the management of patients who require a formula modified in carbohydrate, fat, and/or increased protein: abetalipoproteinemia; cholestasis; chylothorax; fatty acid oxidation defects; glutaric aciduria type II; hyperlipoproteinemia type I (fasting chylomicronemia); hypobetalipoproteinemia; lymphangiectasis, intestinal malabsorption of carbohydrate and/or fat; supplement for any patient who requires increased protein, minerals, and vitamins; X-linked adrenoleukodystrophy.

## Features

- High-quality source of protein (casein)
- Virtually carbohydrate- and fat-free; provides flexibility in prescribing a formula in which the amount and type of carbohydrate and fat can be added per individual infant's need and tolerance
- Meets the Dietary Reference Intakes and the American Academy of Pediatrics Committee on Nutrition (AAPCON) recommendations for vitamin and mineral intakes for infants when fed at a dilution of 3.25 g protein/100 Cal
- Calcium-to-phosphorus ratio of 1.4:1, which is similar to that of standard infant formulas and meets AAPCON recommendations for that ratio
- L-carnitine (40 mg/100 g) and taurine (110 mg/100 g)
- Lactose-free and gluten-free
- Kosher, Halal

## Precautions

- Does not supply sufficient amounts of energy as carbohydrate and fat, or linoleic acid. These nutrients should be supplied from other sources under the supervision of a physician
- Do not boil mixture or use terminal sterilization

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| 5.3 oz (150 g) | can; 6/case | 50260 |

## Preparation

Follow physician's instructions carefully. To prepare 1000 mL of a 20 Cal/fl oz formula, add 30 g ProViMin, 34 g fat, and 69 g carbohydrate to 900 mL (30 fl oz) water.

Approximate weights for unpacked, level, dry US standard household measures

| Household Measure (US) | Weight (Metric) |
|---|---|
| 1 Tablespoon | 2.9 g |
| 1/4 Cup | 11 g |
| 1/2 Cup | 20 g |
| 2/3 Cup | 30 g |
| 1 Cup | 44 g |

## Ingredients

Sodium Caseinate, Calcium Phosphate, Potassium Citrate, Potassium Chloride. **Less than 2% of:** Magnesium Chloride, Ascorbic Acid, Coconut Oil, Choline Chloride, Ferrous Sulfate, Taurine, m-Inositol, L-Methionine, d-Alpha Tocopheryl Acetate, Zinc Sulfate, L-Carnitine, Niacinamide, Calcium Pantothenate, Vitamin A Palmitate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Potassium Iodide, Phylloquinone, Biotin, Sodium Selenate, Vitamin $D_3$, Cyanocobalamin, Salt and Calcium Carbonate. **Contains milk ingredients.**

## NUTRITION INFORMATION

| | 100 g powder | | 100 g powder |
|---|---|---|---|
| **Energy,** Cal | 313 | **Minerals** | |
| **Protein,** g | 73 | Calcium, mg | 2400 |
| Source | Casein, L-amino acids | Calcium, mEq | 120.0 |
| **Fat,** g | 1.4 | Phosphorus, mg | 1700 |
| Source | Coconut oil | Magnesium, mg | 200 |
| Linoleic Acid, mg | 0.0 | Iron, mg | 40 |
| **Carbohydrate,** g | 2.0 | Zinc, mg | 17 |
| Source | None added | Manganese, mcg | 200 |
| **Vitamins** | | Copper, mcg | 2100 |
| Vitamin A, IU | 6740 | Iodine, mcg | 335 |
| Vitamin D, IU | 1000 | Selenium, mcg | 46 |
| Vitamin E, IU | 67 | Sodium, mg | 1200 |
| Vitamin K, mcg | 90 | Sodium, mEq | 52 |
| Thiamin (Vit $B_1$), mcg | 2240 | Potassium, mg | 3300 |
| Riboflavin (Vit $B_2$), mcg | 2020 | Potassium, mEq | 84 |
| Vitamin $B_6$, mcg | 1350 | Chloride, mg | 2300 |
| Vitamin $B_{12}$, mcg | 5.6 | Chloride, mEq | 65 |
| Niacin, mcg | 24,000 | **Other Characteristics** | |
| Folic Acid (Folacin), mcg | 320 | PRSL, mOsm | 673 |
| Pantothenic Acid, mcg | 10,100 | Water, g | 4.0 |
| Biotin, mcg | 100 | Osmolality, mOsm/kg $H_2O$ | Will vary with the amount of carbohydrate, fat, and water added |
| Vitamin C (Ascorbic Acid), mg | 200 | | |
| Choline, mg | 335 | | |
| Inositol, mg | 105 | | |

# RCF®

No Added Carbohydrate
Soy Infant Formula
Base With Iron


## Description/Indications

For use in the dietary management of patients unable to tolerate the type or amount of carbohydrate in milk or conventional infant formulas; or seizure disorders requiring a ketogenic diet.

## Features

- The only commercial formula available for the dietary management of seizures in infants
- Formulated to allow physician to prescribe type and amount of carbohydrate (that can be tolerated) with the assurance that other nutrient needs will be met
- Soy protein isolate to avoid symptoms of cow's-milk-protein allergy or sensitivity
- 1.8 mg of iron (as ferrous sulfate) per 100 Cal if carbohydrate is added to make a 20 Cal/fl oz feeding
- L-carnitine (3 mg/100 mL) and taurine (12 mg/100 mL)
- Lactose-free and gluten-free
- Kosher, Halal

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| **Concentrated Liquid:** (24 Cal/fl oz) | | |
| 13 fl oz (384 mL) | can; 12/case | 00108 |

## Preparation

Add water and other ingredients as directed by physician before feeding. Use only under the supervision of a physician.

## Ingredients

Water (88%), Soy Protein Isolate (5%), High Oleic Safflower Oil (3%), Soy Oil (2%), Coconut Oil (2%). **Less than 1% of:** Calcium Phosphate, Potassium Citrate, Potassium Chloride, Magnesium Chloride, Monoglycerides, Soy Lecithin, Carrageenan, Salt, L-Methionine, Ascorbic Acid, Potassium Hydroxide, Choline Chloride, Taurine, m-Inositol, Ferrous Sulfate, Zinc Sulfate, L-Carnitine, Niacinamide, d-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Potassium Iodide, Phylloquinone, Biotin, Beta-Carotene, Sodium Selenate, Vitamin $D_3$ and Cyanocobalamin. **Contains soy ingredients.**

### NUTRITION INFORMATION

| | 100 mL concentrated liquid | 100 Cal* |
|---|---|---|
| **Energy,** Cal | 81 | 100 |
| **Volume,** mL | 100 | 148 |
| **Protein,** g | 4.0 | 3.0 |
| % Total Calories | 20 | 12 |
| Source | Soy protein isolate, L-methionine | |
| **Fat,** g | 7.2 | 5.3 |
| % Total Calories | 80 | 48 |
| Source | High oleic safflower, coconut, and soy oils | |
| Linoleic Acid, mg | 1352 | 1000 |
| **Carbohydrate,** g | 0.07 | 10.1 |
| % Total Calories | 0 | 40 |
| Source | Selected by physician | |
| **Vitamins** | | |
| Vitamin A, IU | 405 | 300 |
| Vitamin D, IU | 81 | 60 |
| Vitamin E, IU | 2.0 | 1.5 |
| Vitamin K, mcg | 15 | 11 |
| Thiamin (Vit $B_1$), mcg | 80 | 60 |
| Riboflavin (Vit $B_2$), mcg | 120 | 90 |
| Vitamin $B_6$, mcg | 80 | 60 |
| Vitamin $B_{12}$, mcg | 0.6 | 0.4 |
| Niacin, mcg | 1800 | 1350 |
| Folic Acid, mcg | 20 | 15 |
| Pantothenic Acid, mcg | 1000 | 750 |
| Biotin, mcg | 6.1 | 4.5 |

| | 100 mL concentrated liquid | 100 Cal* |
|---|---|---|
| Vitamin C, mg | 12 | 9 |
| Choline, mg | 15.7 | 12 |
| Inositol, mg | 6.5 | 5 |
| **Minerals** | | |
| Calcium, mg | 140 | 105 |
| Calcium, mEq | 7.0 | 5.2 |
| Phosphorus, mg | 100 | 75 |
| Magnesium, mg | 10.0 | 7.5 |
| Iron, mg | 2.4 | 1.8 |
| Zinc, mg | 1.0 | 0.75 |
| Manganese, mcg | 34 | 25 |
| Copper, mcg | 100 | 75 |
| Iodine, mcg | 20.3 | 15 |
| Selenium, mcg | 2.7 | 2.0 |
| Sodium, mg | 59.1 | 44 |
| Sodium, mEq | 2.6 | 1.9 |
| Potassium, mg | 146 | 108 |
| Potassium, mEq | 3.7 | 2.8 |
| Chloride, mg | 83 | 62 |
| Chloride, mEq | 2.3 | 1.8 |
| **Other Characteristics** | | |
| PRSL, mOsm | 35 | 25.8 |
| Water, g | 88 | 133 |
| Osmolality, mOsm/kg $H_2O$ | 90 | 168 |

* As prepared: 54 g of carbohydrate, 12 fl oz of water and mixed with 13 fl oz of RCF.

# Tyrex®-1

Amino Acid-Modified
Infant Formula With Iron


## Description/Indications

Nutrition support of infants and toddlers with tyrosinemia type I, II or III.

## Features

- Phenylalanine- and tyrosine-free to allow greater intake of intact protein
- L-carnitine (20 mg/100 g) and taurine (40 mg/100 g) to help supply amounts normally found in human milk and foods of animal origin
- Approximately 40% of energy as fat to help achieve acceptable formula osmolality
- 6.6% of energy as linoleic acid
- Nutrient profile specifically designed for infants and toddlers
- When fed according to the *Abbott Nutrition Support Protocols,* provides adequate amounts of all nutrients
- Lactose-free and gluten-free
- Halal

## Precautions

- Must be supplemented with protein and fluid in prescribed amounts to completely meet phenylalanine, tyrosine, and water requirements
- Do not boil mixture or use terminal sterilization

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| 14.1 oz (400 g) | can; 6/case | 51128 |

## Preparation

Follow physician's instructions carefully.

Approximate weights for unpacked, level, dry US standard household measures for powder

| Household Measure (US) | Weight (Metric) |
|---|---|
| 1 Tablespoon | 8 g |
| 1/4 Cup | 30 g |
| 1/3 Cup | 40 g |
| 1/2 Cup | 60 g |
| 1 Cup | 120 g |

## Ingredients

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Soy Oil. **Less than 2% of:** L-Leucine, L-Proline, L-Lysine Acetate, Calcium Phosphate, L-Arginine, DATEM, L-Glutamine, L-Valine, L-Isoleucine, L-Alanine, Potassium Phosphate, Glycine, L-Asparagine, L-Serine, L-Threonine, Sodium Citrate, Potassium Citrate, Magnesium Chloride, L-Histidine, L-Methionine, Calcium Carbonate, L-Glutamic Acid, Ascorbic Acid, L-Cystine Dihydrochloride, L-Tryptophan, L-Aspartic Acid, Choline Chloride, Taurine, m-Inositol, Ferrous Sulfate, Zinc Sulfate, Ascorbyl Palmitate, L-Carnitine, dl-Alpha-Tocopheryl Acetate, Niacinamide, Mixed Tocopherols, Calcium Pantothenate, Salt, Cupric Sulfate, Thiamine Chloride Hydrochloride, Manganese Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Beta-Carotene, Potassium Iodide, Biotin, Phylloquinone, Sodium Selenate, Chromium Chloride, Sodium Molybdate, Vitamin $D_3$ and Cyanocobalamin.

## NUTRITION INFORMATION

| | 100 g powder | 100 Cal powder |
|---|---|---|
| **Energy,** Cal | 480 | 100 |
| **Protein equivalent,** g | 15.0 | 3.1 |
| Source | L-amino acids | |
| L-Carnitine, mg | 20 | 4 |
| **Fat,** g | 21.7 | 4.5 |
| Source | High oleic safflower, coconut, and soy oils | |
| Linoleic Acid, mg | 3500 | 729 |
| Linolenic Acid, mg | 350 | 73 |
| **Carbohydrate,** g | 53.0 | 11.0 |
| Source | Corn syrup solids | |
| **Vitamins** | | |
| Vitamin A, IU | 1400 | 292 |
| Vitamin D, IU | 300 | 63 |
| Vitamin E, IU | 15 | 3 |
| Vitamin K, mcg | 50 | 10.4 |
| Thiamin (Vit $B_1$), mcg | 1900 | 396 |
| Riboflavin (Vit $B_2$), mcg | 900 | 188 |
| Vitamin $B_6$, mcg | 750 | 156 |
| Vitamin $B_{12}$, mcg | 4.9 | 1.0 |
| Niacin, mcg | 10,000 | 2083 |
| Folic Acid, mcg | 230 | 48 |
| Pantothenic Acid, mcg | 6900 | 1438 |
| Biotin, mcg | 65 | 13.5 |
| Vitamin C, mg | 50 | 10.4 |

| | 100 g powder | 100 Cal powder |
|---|---|---|
| Choline, mg | 80 | 16.7 |
| Inositol, mg | 40 | 8.3 |
| **Minerals** | | |
| Calcium, mg | 575 | 120 |
| Calcium, mEq | 28.8 | 6.0 |
| Phosphorus, mg | 400 | 83 |
| Magnesium, mg | 50 | 10 |
| Iron, mg | 9 | 1.9 |
| Zinc, mg | 8 | 1.7 |
| Manganese, mcg | 500 | 104 |
| Copper, mcg | 1100 | 229 |
| Iodine, mcg | 65 | 13.5 |
| Selenium, mcg | 20 | 4.2 |
| Chromium, mcg | 11 | 2.3 |
| Molybdenum, mcg | 12 | 2.5 |
| Sodium, mg | 190 | 39.6 |
| Sodium, mEq | 8.3 | 1.7 |
| Potassium, mg | 675 | 140.6 |
| Potassium, mEq | 17.3 | 3.6 |
| Chloride, mg | 325 | 67.7 |
| Chloride, mEq | 9.2 | 1.9 |
| **Other Characteristics** | | |
| PRSL, mOsm | 133 | 27.8 |
| Osmolality, mOsm/kg $H_2O$ | — | 380 (20 Cal/fl oz) |

# Tyrex®-2

Amino Acid-Modified
Medical Food


## Description/Indications

For nutrition support of children and adults with tyrosinemia type I, II, or III.

## Features

- Phenylalanine- and tyrosine-free to allow greater intake of intact protein
- L-carnitine (40 mg/100 g) and taurine (50 mg/100 g) to supply amounts normally found in foods of animal origin
- Approximately 30% of energy as fat to help supply essential fatty acids
- Nutrient profile specifically designed for children and adults
- When fed according to the *Abbott Nutrition Support Protocols*, provides adequate amounts of all nutrients
- Lactose-free and gluten-free
- Halal

## Precautions

- Do not heat or use in cooking
- Must be supplemented with protein and fluid in prescribed amounts to completely meet phenylalanine, tyrosine, and water requirements

## Availability: Hospital/Institutional

| Size | Container | List No. |
|---|---|---|
| 14.1 oz (400 g) | can; 6/case | 51126 |

## Preparation

Follow physician's instructions carefully.

Approximate weights for unpacked, level, dry US standard household measures for powder

| Household Measure (US) | Weight (Metric) |
|---|---|
| 1 Tablespoon | 8 g |
| 1/4 Cup | 30 g |
| 1/3 Cup | 40 g |
| 1/2 Cup | 60 g |
| 1 Cup | 120 g |

## Ingredients

Corn Syrup Solids, High Oleic Safflower Oil, Coconut Oil, Sodium Citrate, Soy Oil, L-Leucine, L-Proline, L-Lysine Acetate, L-Arginine, L-Glutamine, Calcium Phosphate, L-Valine, L-Isoleucine, L-Alanine, Glycine, Magnesium Phosphate, Potassium Chloride. **Less than 2% of:** L-Asparagine, L-Serine, L-Threonine, Silicon Dioxide, DATEM, L-Histidine, Potassium Citrate, Potassium Phosphate, L-Methionine, L-Glutamic Acid, L-Cystine Dihydrochloride, L-Tryptophan, L-Aspartic Acid, Calcium Carbonate, Ascorbic Acid, Taurine, Choline Chloride, m-Inositol, Ferrous Sulfate, Zinc Sulfate, L-Carnitine, Niacinamide, dl-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Ascorbyl Palmitate, Mixed Tocopherols, Cupric Sulfate, Manganese Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Vitamin A Palmitate, Pyridoxine Hydrochloride, Folic Acid, Chromium Chloride, Potassium Iodide, Beta-Carotene, Biotin, Sodium Selenate, Phylloquinone, Sodium Molybdate, Vitamin $D_3$ and Cyanocobalamin.

## NUTRITION INFORMATION

| | 100 g powder | | 100 g powder |
|---|---|---|---|
| **Energy,** Cal | 410 | Choline, mg | 100 |
| **Protein equivalent,** g | 30 | Inositol, mg | 70 |
| Source | L-amino acids | **Minerals** | |
| L-Carnitine, mg | 40 | Calcium, mg | 880 |
| **Fat,** g | 14 | Calcium, mEq | 44.0 |
| Source | High oleic safflower, coconut, and soy oils | Phosphorus, mg | 760 |
| Linoleic Acid, mg | 2200 | Magnesium, mg | 225 |
| Linolenic Acid, mg | 225 | Iron, mg | 13 |
| **Carbohydrate,** g | 35 | Zinc, mg | 13 |
| Source | Corn syrup solids | Manganese, mg | 0.8 |
| **Vitamins** | | Copper, mg | 1.0 |
| Vitamin A, IU | 2200 | Iodine, mcg | 100 |
| Vitamin D, IU | 300 | Selenium, mcg | 35 |
| Vitamin E, IU | 18 | Chromium, mcg | 27 |
| Vitamin K, mcg | 60 | Molybdenum, mcg | 30 |
| Thiamin (Vit $B_1$), mg | 3.3 | Sodium, mg | 880 |
| Riboflavin (Vit $B_2$), mg | 1.8 | Sodium, mEq | 38.3 |
| Vitamin $B_6$, mg | 1.3 | Potassium, mg | 1370 |
| Vitamin $B_{12}$, mg | 5.0 | Potassium, mEq | 35.0 |
| Niacin, mg | 16 | Chloride, mg | 940 |
| Folic Acid, mcg | 450 | Chloride, mEq | 26.5 |
| Pantothenic Acid, mg | 8.0 | **Other Characteristics** | |
| Biotin, mcg | 100 | PRSL, mOsm | 296 |
| Vitamin C, mg | 60 | Osmolality, mOsm/kg $H_2O$ | 1330 (30 Cal/fl oz) |

# Additional Information

# Additional Information

## Newborn Metric Conversion Tables

### Temperature Fahrenheit (F) to Celsius (C)

| °F | °C | °F | °C | °F | °C | °F | °C |
|---|---|---|---|---|---|---|---|
| 95.0 | 35.0 | 98.0 | 36.7 | 101.0 | 38.3 | 104.0 | 40.0 |
| 95.2 | 35.1 | 98.2 | 36.8 | 101.2 | 38.4 | 104.2 | 40.1 |
| 95.4 | 35.2 | 98.4 | 36.9 | 101.4 | 38.6 | 104.4 | 40.2 |
| 95.6 | 35.3 | **98.6** | **37.0** | 101.6 | 38.7 | 104.6 | 40.3 |
| 95.8 | 35.4 | 98.8 | 37.1 | 101.8 | 38.8 | 104.8 | 40.4 |
| 96.0 | 35.6 | 99.0 | 37.2 | 102.0 | 38.9 | 105.0 | 40.6 |
| 96.2 | 35.7 | 99.2 | 37.3 | 102.2 | 39.0 | 105.2 | 40.7 |
| 96.4 | 35.8 | 99.4 | 37.4 | 102.4 | 39.1 | 105.4 | 40.8 |
| 96.6 | 35.9 | 99.6 | 37.6 | 102.6 | 39.2 | 105.6 | 40.9 |
| 96.8 | 36.0 | 99.8 | 37.7 | 102.8 | 39.3 | 105.8 | 41.0 |
| 97.0 | 36.1 | 100.0 | 37.8 | 103.0 | 39.4 | 106.0 | 41.1 |
| 97.2 | 36.2 | 100.2 | 37.9 | 103.2 | 39.6 | 106.2 | 41.2 |
| 97.4 | 36.3 | 100.4 | 38.0 | 103.4 | 39.7 | 106.4 | 41.3 |
| 97.6 | 36.4 | 100.6 | 38.1 | 103.6 | 39.8 | 106.6 | 41.4 |
| 97.8 | 36.6 | 100.8 | 38.2 | 103.8 | 39.9 | 106.8 | 41.6 |

**Note:** °C = (°F-32) x 5/9. Celsius temperature equivalents rounded to one decimal place by adding 0.1 when second decimal place is 5 or greater.

The metric system replaces the term "Centigrade" with "Celsius" (the name of the inventor of the scale).

### Length Inches to centimeters

**One-inch increments** To obtain centimeters equivalent to 22 inches, read "20" on top scale, "2" on side scale; equivalent is 55.9 centimeters.

| Inches | 0 | 10 | 20 | 30 | 40 |
|---|---|---|---|---|---|
| **0** | 0 | 25.4 | 50.8 | 76.2 | 101.6 |
| **1** | 2.5 | 27.9 | 53.3 | 78.7 | 104.1 |
| **2** | 5.1 | 30.5 | 55.9 | 81.3 | 106.7 |
| **3** | 7.6 | 33.0 | 58.4 | 83.8 | 109.2 |
| **4** | 10.2 | 35.6 | 61.0 | 86.4 | 111.8 |
| **5** | 12.7 | 38.1 | 63.5 | 88.9 | 114.3 |
| **6** | 15.2 | 40.6 | 66.0 | 91.4 | 116.8 |
| **7** | 17.8 | 43.2 | 68.6 | 94.0 | 119.4 |
| **8** | 20.3 | 45.7 | 71.1 | 96.5 | 121.9 |
| **9** | 22.9 | 48.3 | 73.7 | 99.1 | 124.5 |

**One-Quarter (1/4) in increments** To obtain centimeters equivalent to 14¾ inches, read "14" on top scale, "¾" on side scale; equivalent is 37.5 centimeters.

### 10-15 Inches

| | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|
| **0** | 25.4 | 27.9 | 30.5 | 33.0 | 35.6 | 38.1 |
| **¼** | 26.0 | 28.6 | 31.1 | 33.7 | 36.2 | 38.7 |
| **½** | 26.7 | 29.2 | 31.8 | 34.3 | 36.8 | 39.4 |
| **¾** | 27.3 | 29.8 | 32.4 | 34.9 | 37.5 | 40.0 |

### 16-21 Inches

| | 16 | 17 | 18 | 19 | 20 | 21 |
|---|---|---|---|---|---|---|
| **0** | 40.6 | 43.2 | 45.7 | 48.3 | 50.8 | 53.3 |
| **¼** | 41.3 | 43.8 | 46.4 | 48.9 | 51.4 | 54.0 |
| **½** | 41.9 | 44.5 | 47.0 | 49.5 | 52.1 | 54.6 |
| **¾** | 42.5 | 45.1 | 47.6 | 50.2 | 52.7 | 55.2 |

**Note:** 1 inch = 2.540 centimeters. Centimeter equivalents rounded to one decimal place by adding 0.1 when second decimal place is 5 or greater; for example, 33.48 becomes 33.5.

## Weight (Mass) Pounds and ounces to grams

**Example:** To obtain grams equivalent to 6 pounds, 8 ounces, read “6” on top scale, “8” on side scale; equivalent is 2948 grams.

**Note:** 1 pound = 453.59237 grams; 1 ounce = 28.349523 grams; 1000 grams = 1 kilogram. Gram equivalents have been rounded to whole numbers by adding one when the first decimal place is 5 or greater.

| Ounces | Pounds | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 0 | 0 | 454 | 907 | 1361 | 1814 | 2268 | 2722 | 3175 | 3629 | 4082 | 4536 | 4990 | 5443 | 5897 | 6350 |
| 1 | 28 | 482 | 936 | 1389 | 1843 | 2296 | 2750 | 3203 | 3657 | 4111 | 4564 | 5018 | 5471 | 5925 | 6379 |
| 2 | 57 | 510 | 964 | 1417 | 1871 | 2325 | 2778 | 3232 | 3685 | 4139 | 4593 | 5046 | 5500 | 5953 | 6407 |
| 3 | 85 | 539 | 992 | 1446 | 1899 | 2353 | 2807 | 3260 | 3714 | 4167 | 4621 | 5075 | 5528 | 5982 | 6435 |
| 4 | 113 | 567 | 1021 | 1474 | 1928 | 2381 | 2835 | 3289 | 3742 | 4196 | 4649 | 5103 | 5557 | 6010 | 6464 |
| 5 | 142 | 595 | 1049 | 1503 | 1956 | 2410 | 2863 | 3317 | 3770 | 4224 | 4678 | 5131 | 5585 | 6038 | 6492 |
| 6 | 170 | 624 | 1077 | 1531 | 1984 | 2438 | 2892 | 3345 | 3799 | 4252 | 4706 | 5160 | 5613 | 6067 | 6520 |
| 7 | 198 | 652 | 1106 | 1559 | 2013 | 2466 | 2920 | 3374 | 3827 | 4281 | 4734 | 5188 | 5642 | 6095 | 6549 |
| 8 | 227 | 680 | 1134 | 1588 | 2041 | 2495 | 2948 | 3402 | 3856 | 4309 | 4763 | 5216 | 5670 | 6123 | 6577 |
| 9 | 255 | 709 | 1162 | 1616 | 2070 | 2523 | 2977 | 3430 | 3884 | 4337 | 4791 | 5245 | 5698 | 6152 | 6605 |
| 10 | 283 | 737 | 1191 | 1644 | 2098 | 2551 | 3005 | 3459 | 3912 | 4366 | 4819 | 5273 | 5727 | 6180 | 6634 |
| 11 | 312 | 765 | 1219 | 1673 | 2126 | 2580 | 3033 | 3487 | 3941 | 4394 | 4848 | 5301 | 5755 | 6209 | 6662 |
| 12 | 340 | 794 | 1247 | 1701 | 2155 | 2608 | 3062 | 3515 | 3969 | 4423 | 4876 | 5330 | 5783 | 6237 | 6690 |
| 13 | 369 | 822 | 1276 | 1729 | 2183 | 2637 | 3090 | 3544 | 3997 | 4451 | 4904 | 5358 | 5812 | 6265 | 6719 |
| 14 | 397 | 850 | 1304 | 1758 | 2211 | 2665 | 3118 | 3572 | 4026 | 4479 | 4933 | 5386 | 5840 | 6294 | 6747 |
| 15 | 425 | 879 | 1332 | 1786 | 2240 | 2693 | 3147 | 3600 | 4054 | 4508 | 4961 | 5415 | 5868 | 6322 | 6776 |

# Pediatric Metric Conversion Tables

## Temperature Fahrenheit (F) to Celsius (C)

| °F | °C | °F | °C | °F | °C | °F | °C |
|---|---|---|---|---|---|---|---|
| 95.0 | 35.0 | 98.0 | 36.7 | 101.0 | 38.3 | 104.0 | 40.0 |
| 95.2 | 35.1 | 98.2 | 36.8 | 101.2 | 38.4 | 104.2 | 40.1 |
| 95.4 | 35.2 | 98.4 | 36.9 | 101.4 | 38.6 | 104.4 | 40.2 |
| 95.6 | 35.3 | **98.6** | **37.0** | 101.6 | 38.7 | 104.6 | 40.3 |
| 95.8 | 35.4 | 98.8 | 37.1 | 101.8 | 38.8 | 104.8 | 40.4 |
| 96.0 | 35.6 | 99.0 | 37.2 | 102.0 | 38.9 | 105.0 | 40.6 |
| 96.2 | 35.7 | 99.2 | 37.3 | 102.2 | 39.0 | 105.2 | 40.7 |
| 96.4 | 35.8 | 99.4 | 37.4 | 102.4 | 39.1 | 105.4 | 40.8 |
| 96.6 | 35.9 | 99.6 | 37.6 | 102.6 | 39.2 | 105.6 | 40.9 |
| 96.8 | 36.0 | 99.8 | 37.7 | 102.8 | 39.3 | 105.8 | 41.0 |
| 97.0 | 36.1 | 100.0 | 37.8 | 103.0 | 39.4 | 106.0 | 41.1 |
| 97.2 | 36.2 | 100.2 | 37.9 | 103.2 | 39.6 | 106.2 | 41.2 |
| 97.4 | 36.3 | 100.4 | 38.0 | 103.4 | 39.7 | 106.4 | 41.3 |
| 97.6 | 36.4 | 100.6 | 38.1 | 103.6 | 39.8 | 106.6 | 41.4 |
| 97.8 | 36.6 | 100.8 | 38.2 | 103.8 | 39.9 | 106.8 | 41.6 |

**Note:** °C = (°F-32) x 5/9. Celsius temperature equivalents rounded to one decimal place by adding 0.1 when second decimal place is 5 or greater.

The metric system replaces the term "Centigrade" with "Celsius" (the name of the inventor of the scale).

## Length/Height Feet and inches to centimeters

**Example:** To obtain centimeters equivalent to 3 feet, 9 inches, read "3" on the top scale, "9" on the side scale; equivalent is 114.3 centimeters.

Feet

| Inches | 0 | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|---|
| **0** | 0 | 30.5 | 61.0 | 91.4 | 121.9 | 152.4 |
| **1** | 2.5 | 33.0 | 63.5 | 94.0 | 124.5 | 154.9 |
| **2** | 5.1 | 35.6 | 66.0 | 96.5 | 127.0 | 157.5 |
| **3** | 7.6 | 38.1 | 68.6 | 99.1 | 129.5 | 160.0 |
| **4** | 10.2 | 40.6 | 71.1 | 101.6 | 132.1 | 162.6 |
| **5** | 12.7 | 43.2 | 73.7 | 104.1 | 134.6 | 165.1 |
| **6** | 15.2 | 45.7 | 76.2 | 106.7 | 137.2 | 167.6 |
| **7** | 17.8 | 48.3 | 78.7 | 109.2 | 139.7 | 170.2 |
| **8** | 20.3 | 50.8 | 81.3 | 111.8 | 142.2 | 172.7 |
| **9** | 22.9 | 53.3 | 83.8 | 114.3 | 144.8 | 175.3 |
| **10** | 25.4 | 55.9 | 86.4 | 116.8 | 147.3 | 177.8 |
| **11** | 27.9 | 58.4 | 88.9 | 119.4 | 149.9 | 180.3 |

**Note:** 1 inch = 2.540 centimeters. Centimeter equivalents rounded to one decimal place by adding 0.1 when second decimal place is 5 or greater; for example, 102.37 becomes 102.4.

## Weight (Mass) Pounds to kilograms

**Example:** To obtain kilograms equivalent to 44 pounds, read “40” on side scale, “4” on top scale; equivalent is 19.96 kilograms.

**Note:** 1 pound = 0.45359237 kilogram. Kilogram equivalents have been rounded to 2 decimal places by adding 0.01 when the third decimal place is 5 or greater.

| Pounds | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|
| **0** | 0.00 | 0.45 | 0.91 | 1.36 | 1.81 | 2.27 | 2.72 | 3.18 | 3.63 | 4.08 |
| **10** | 4.54 | 4.99 | 5.44 | 5.90 | 6.35 | 6.80 | 7.26 | 7.71 | 8.16 | 8.62 |
| **20** | 9.07 | 9.53 | 9.98 | 10.43 | 10.89 | 11.34 | 11.79 | 12.25 | 12.70 | 13.15 |
| **30** | 13.61 | 14.06 | 14.51 | 14.97 | 15.42 | 15.88 | 16.33 | 16.78 | 17.24 | 17.69 |
| **40** | 18.14 | 18.60 | 19.05 | 19.50 | 19.96 | 20.41 | 20.87 | 21.32 | 21.77 | 22.23 |
| **50** | 22.68 | 23.13 | 23.59 | 24.04 | 24.49 | 24.95 | 25.40 | 25.85 | 26.31 | 26.76 |
| **60** | 27.22 | 27.67 | 28.12 | 28.58 | 29.03 | 29.48 | 29.94 | 30.39 | 30.84 | 31.30 |
| **70** | 31.75 | 32.21 | 32.66 | 33.11 | 33.57 | 34.02 | 34.47 | 34.93 | 35.38 | 35.83 |
| **80** | 36.29 | 36.74 | 37.19 | 37.65 | 38.10 | 38.56 | 39.01 | 39.46 | 39.92 | 40.37 |
| **90** | 40.82 | 41.28 | 41.73 | 42.18 | 42.64 | 43.09 | 43.54 | 44.00 | 44.45 | 44.91 |
| **100** | 45.36 | 45.81 | 46.27 | 46.72 | 47.17 | 47.63 | 48.08 | 48.53 | 48.99 | 49.44 |
| **110** | 49.90 | 50.35 | 50.80 | 51.26 | 51.71 | 52.16 | 52.62 | 53.07 | 53.52 | 53.98 |
| **120** | 54.43 | 54.88 | 55.34 | 55.79 | 56.25 | 56.70 | 57.15 | 57.61 | 58.06 | 58.51 |
| **130** | 58.97 | 59.42 | 59.87 | 60.33 | 60.78 | 61.23 | 61.69 | 62.14 | 62.60 | 63.05 |
| **140** | 63.50 | 63.96 | 64.41 | 64.86 | 65.32 | 65.77 | 66.22 | 66.68 | 67.13 | 67.59 |
| **150** | 68.04 | 68.49 | 68.95 | 69.40 | 69.85 | 70.31 | 70.76 | 71.21 | 71.67 | 72.12 |
| **160** | 72.57 | 73.03 | 73.48 | 73.94 | 74.39 | 74.84 | 75.30 | 75.75 | 76.20 | 76.66 |
| **170** | 77.11 | 77.56 | 78.02 | 78.47 | 78.93 | 79.38 | 79.83 | 80.29 | 80.74 | 81.19 |
| **180** | 81.65 | 82.10 | 82.55 | 83.01 | 83.46 | 83.91 | 84.37 | 84.82 | 85.28 | 85.73 |
| **190** | 86.18 | 86.64 | 87.09 | 87.54 | 88.00 | 88.45 | 88.90 | 89.36 | 89.81 | 90.26 |
| **200** | 90.72 | 91.17 | 91.63 | 92.08 | 92.53 | 92.99 | 93.44 | 93.89 | 94.35 | 94.80 |

## Abbott Nutrition Pediatric Powders*: Approximate Container Yield

| Formula | Container size | Grams of powder per container | Grams of powder per scoop | Approximate container yield at standard caloric density | Approximate calories per container[1] | Approximate number of scoops per container[2] |
|---|---|---|---|---|---|---|
| EleCare® for Infants | 14.1 oz | 400 g | 9.4 g | 95 fl oz | 1900 Cal | 42 |
| Pure Bliss™ by Similac® | 12.4 oz | 352 g | 8.3 g | 95 fl oz | 1805 Cal | 42 |
| | 31.8 oz | 900 g | 8.3 g | 242 fl oz | 4598 Cal | 108 |
| Similac® Advance® | 1.45 lb | 658 g | 8.3 g | 176 fl oz | 3344 Cal | 79 |
| Similac® Advance® | 12.4 oz | 352 g | 8.7 g | 90 fl oz | 1800 Cal | 40 |
| Similac® Alimentum® | 12.1 oz | 343 g | 8.7 g | 87 fl oz | 1740 Cal | 39 |
| | 19.8 oz | 561 g | 8.7 g | 143 fl oz | 2860 Cal | 64 |
| Similac® For Spit-Up | 12 oz | 340 g | 8.3 g | 90 fl oz | 1710 Cal | 40 |
| | 1.41 lb | 638 g | 8.3 g | 169 fl oz | 3211 Cal | 76 |
| Similac® For Supplementation | 1.45 lb | 658 g | 8.3 g | 176 fl oz | 3344 Cal | 79 |
| Similac® NeoSure® | 13.1 oz | 371 g | 9.6 g | 87 fl oz | 1914 Cal | 38 |
| Similac® Organic | 1.45 lb | 658 g | 8.6 g | 170 fl oz | 3400 Cal | 76 |
| Similac® PM 60/40 | 14.1 oz | 400 g | 8.7 g | 102 fl oz | 2040 Cal | 45 |
| Similac Pro-Advance™ | 1.45 lb | 658 g | 8.2 g | 178 fl oz | 3382 Cal | 80 |
| Similac Pro-Sensitive™ | 1.41 lb | 638 g | 8.3 g | 170 fl oz | 3230 Cal | 76 |

| Formula | Container size | Grams of powder per container | Grams of powder per scoop | Approximate container yield at standard caloric density | Approximate calories per container[1] | Approximate number of scoops per container[2] |
|---|---|---|---|---|---|---|
| Similac Sensitive® | 12 oz | 340 g | 8.3 g | 90 fl oz | 1710 Cal | 40 |
| | 1.41 lb | 638 g | 8.3 g | 169 fl oz | 3211 Cal | 76 |
| Similac® Soy Isomil® | 1.45 lb | 658 g | 8.3 g | 176 fl oz | 3344 Cal | 79 |
| Similac® Soy Isomil® | 12.4 oz | 352 g | 8.8 g | 90 fl oz | 1800 Cal | 40 |
| Similac Total Comfort™ | 12 oz | 340 g | 8.4 g | 90 fl oz | 1710 Cal | 40 |
| | 1.41 lb | 638 g | 8.4 g | 169 fl oz | 3211 Cal | 75 |

[1]**Approximate calories per container** derived by multiplying the fluid ounce (fl oz) container yield by the standard caloric density of that product (eg, 19, 20, 22 or 30 Cal/fl oz).

[2]**Approximate scoops per container** derived by dividing the grams of powder per container by the grams of powder per scoop; all numbers are rounded down to the nearest whole scoop (eg, 42.7 rounded down to 42).

* Values in table are the same for non-GMO products.

## Macronutrient Values for Pediatric Formula Powders*

All values are approximates; rounded from more precise numbers

**Nutrients per Scoop**

Measurements are based upon unpacked, level scoops. Use only the scoop provided in the container. Scoops from different products are not interchangeable.

| Product | Powder grams per scoop | Calories | Carbohydrate | Protein | Fat |
|---|---|---|---|---|---|
| EleCare® for Infants | 9.4 g | 44.7 Cal | 4.78 g | 1.38 g | 2.14 g |
| EleCare® Jr | 9.5 g | 44.6 Cal | 4.68 g | 1.36 g | 2.16 g |
| Pure Bliss™ by Similac® | 8.3 g | 42.5 Cal | 4.55 g | 0.88 g | 2.38 g |
| Similac® Advance® | 8.3 g | 42.3 Cal | 4.53 g | 0.88 g | 2.37 g |
| Similac® Advance® | 8.7 g | 44.5 Cal | 4.77 g | 0.92 g | 2.49 g |
| Similac® Alimentum® | 8.7 g | 44.3 Cal | 4.52 g | 1.22 g | 2.45 g |
| Similac® For Spit-Up | 8.3 g | 41.9 Cal | 4.61 g | 0.9 g | 2.26 g |
| Similac® For Supplementation | 8.3 g | 42.2 Cal | 4.56 g | 0.87 g | 2.36 g |
| Similac® NeoSure® | 9.6 g | 49.3 Cal | 4.98 g | 1.38 g | 2.71 g |
| Similac® Organic | 8.6 g | 44.7 Cal | 4.65 g | 0.93 g | 2.52 g |
| Similac® PM 60/40 | 8.7 g | 44.7 Cal | 4.56 g | 0.98 g | 2.50 g |
| Similac Pro-Advance™ | 8.2 g | 42.3 Cal | 4.44 g | 0.88 g | 2.37 g |
| Similac Pro-Sensitive™ | 8.3 g | 42.1 Cal | 4.59 g | 0.88 g | 2.27 g |
| Similac Sensitive® | 8.3 g | 41.9 Cal | 4.65 g | 0.9 g | 2.26 g |
| Similac® Soy Isomil® | 8.3 g | 42.1 Cal | 4.38 g | 1.03 g | 2.30 g |

## Nutrients per Scoop — cont'd

| Product | Powder grams per scoop | Calories | Carbohydrate | Protein | Fat |
|---|---|---|---|---|---|
| Similac® Soy Isomil® | 8.8 g | 44.9 Cal | 4.67 g | 1.10 g | 2.45 g |
| Similac Total Comfort™ | 8.4 g | 42.2 Cal | 4.44 g | 0.98 g | 2.28 g |

* Values in table are the same for non-GMO products.

## Nutrients per Packet

| Product | Packet Size | Calories | Carbohydrate | Protein | Fat | Displacement |
|---|---|---|---|---|---|---|
| Similac® Human Milk Fortifier Concentrated Liquid | 5 mL | 7 Cal | 0.81 g | 0.35 g | 0.27 g | 5 mL |
| Similac® Human Milk Fortifier Hydrolyzed Protein Concentrated Liquid | 5 mL | 7 Cal | 0.75 g | 0.5 g | 0.21 g | 5 mL |
| Similac® Human Milk Fortifier Powder | 0.9 g | 3.5 Cal | 0.45 g | 0.25 g | 0.09 g | 0.69 mL |

## Nutrients per 100 Grams

| Product | Powder grams per scoop | Calories | Carbohydrate | Protein | Fat |
|---|---|---|---|---|---|
| EleCare® for Infants | 9.4 g | 475 Cal | 50.85 g | 14.73 g | 22.81 g |
| EleCare® Jr | 9.5 g | 469 Cal | 49.3 g | 14.3 g | 22.7 g |
| Pure Bliss™ by Similac® | 8.3 g | 512 Cal | 54.79 g | 10.6 g | 28.67 g |
| Similac® Advance® | 8.3 g | 510 Cal | 54.57 g | 10.56 g | 28.56 g |
| Similac® Advance® | 8.7 g | 512 Cal | 54.83 g | 10.6 g | 28.67 g |
| Similac® Alimentum® | 8.7 g | 509 Cal | 51.9 g | 13.99 g | 28.19 g |
| Similac® For Spit-Up | 8.3 g | 505 Cal | 55.57 g | 10.81 g | 27.28 g |
| Similac® For Supplementation | 8.3 g | 508 Cal | 54.91 g | 10.52 g | 28.47 g |
| Similac® NeoSure® | 9.6 g | 513 Cal | 51.85 g | 14.38 g | 28.24 g |
| Similac® Organic | 8.6 g | 520 Cal | 54.06 g | 10.76 g | 29.27 g |
| Similac® PM 60/40 | 8.7 g | 514 Cal | 52.38 g | 11.3 g | 28.76 g |
| Similac Pro-Advance™ | 8.2 g | 516 Cal | 54.15 g | 10.68 g | 28.88 g |
| Similac Pro-Sensitive™ | 8.3 g | 507 Cal | 55.28 g | 10.65 g | 27.39 g |
| Similac Sensitive® | 8.3 g | 505 Cal | 56.08 g | 10.81 g | 27.28 g |
| Similac® Soy Isomil® | 8.3 g | 508 Cal | 52.79 g | 12.44 g | 27.71 g |
| Similac® Soy Isomil® | 8.8 g | 510 Cal | 53.08 g | 12.51 g | 27.87 g |
| Similac Total Comfort™ | 8.4 g | 503 Cal | 55.31 g | 11.67 g | 27.15 g |

## Approximate Displacement

| Product | Powder grams per scoop | Per scoop | Per gram of powder |
|---|---|---|---|
| EleCare for Infants | 9.4 g | 7.0 mL | 0.74 mL |
| EleCare Jr. | 9.5 g | 7.0 mL | 0.74 mL |
| Pure Bliss by Similac | 8.3 g | 6.4 mL | 0.77 mL |
| Similac Advance | 8.3 g | 6.3 mL | 0.76 mL |
| Similac Advance | 8.7 g | 6.7 mL | 0.77 mL |
| Similac Alimentum | 8.7 g | 6.6 mL | 0.76 mL |
| Similac For Spit-Up | 8.3 g | 6.4 mL | 0.77 mL |
| Similac For Supplementation | 8.3 g | 6.4 g | 0.77 mL |
| Similac NeoSure | 9.6 g | 7.3 mL | 0.76 mL |
| Similac Organic | 8.6 g | 6.6 mL | 0.77 mL |

| Product | Powder grams per scoop | Per scoop | Per gram of powder |
|---|---|---|---|
| Similac PM 60/40 | 8.7 g | 6.9 mL | 0.79 mL |
| Similac Pro-Advance | 8.2 g | 6.2 mL | 0.76 mL |
| Similac Pro-Sensitive | 8.3 g | 6.4 mL | 0.77 mL |
| Similac Sensitive | 8.3 g | 6.4 mL | 0.77 mL |
| Similac Soy Isomil | 8.3 g | 6.3 mL | 0.76 mL |
| Similac Soy Isomil | 8.8 g | 6.7 mL | 0.77 mL |
| Similac Total Comfort | 8.4 g | 6.5 mL | 0.78 mL |

## Pediatric Product HCPCS and NDC-format Codes

| Item Number | Product | Description | Unit | HCPCS Code | NDC Format Code |
|---|---|---|---|---|---|
| 56585 | EleCare® Jr (Powder) | Vanilla | 14.1 oz can | B4161 | 70074-0565-86 |
| 55253 | EleCare® Jr (Powder) | Unflavored | 14.1 oz can | B4161 | 70074-0552-54 |
| 55251 | EleCare® for Infants (Powder) | Unflavored | 14.1 oz can | B4161 | 70074-0535-11 |
| 62605 | Pedialyte® (Freezer Pops) | Assorted | 2.1 fl oz sleeve | B4103 | 70074-0002-46 |
| 00365 | Pedialyte® (Solution) | Fruit | 1 liter bottle | B4103 | 70074-0803-65 |
| 00240 | Pedialyte® (Solution) | Grape | 1 liter bottle | B4103 | 70074-0802-40 |
| 00336 | Pedialyte® (Solution) | Unflavored | 1 liter bottle | B4103 | 70074-0803-36 |
| 51752 | Pedialyte® (Solution) | Bubble Gum | 1 liter bottle | B4103 | 70074-0517-53 |
| 53983 | Pedialyte® (Solution) | Strawberry | 1 liter bottle | B4103 | 70074-0539-84 |
| 63057 | Pedialyte® AdvancedCare™ | Cherry Punch | 1 liter bottle | B4103 | 70074-0630-58 |
| 63059 | Pedialyte® AdvancedCare™ | Blue Raspberry | 1 liter bottle | B4103 | 70074-0630-60 |
| 64301 | Pedialyte® AdvancedCare™ | Strawberry Lemonade | 1 liter bottle | B4103 | 70074-0643-02 |
| 64307 | Pedialyte® AdvancedCare™ | Tropical Fruit | 1 liter bottle | B4103 | 70074-0643-08 |
| 56090 | Pedialyte® Powder Packs 8.5 g | Variety | 8 packs/carton | B4103 | 70074-0560-91 |
| 64172 | Pedialyte® Powder Packs 17 g | Strawberry Lemonade | 6 packs/carton | B4103 | 70074-0641-74 |

| Item Number | Product | Description | Unit | HCPCS Code | NDC Format Code |
|---|---|---|---|---|---|
| 64177 | Pedialyte® Powder Packs 17 g | Orange | 6 packs/carton | B4103 | 70074-0641-79 |
| 64595 | Pedialyte® Powder Packs 17 g | Cherry | 6 packs/carton | B4103 | 70074-0645-94 |
| 64598 | Pedialyte® Powder Packs 17 g | Grape | 6 packs/carton | B4103 | 70074-0645-97 |
| 62119 | PediaSure® Peptide 1.0 Cal (Institutional) | Vanilla | 8 fl oz bottle | B4161 | 70074-0621-20 |
| 62121 | PediaSure® Peptide 1.0 Cal (Institutional) | Strawberry | 8 fl oz bottle | B4161 | 70074-0621-22 |
| 62123 | PediaSure® Peptide 1.0 Cal (Institutional) | Unflavored | 8 fl oz bottle | B4161 | 70074-0621-24 |
| 62729 | PediaSure® Peptide 1.0 Cal RTH (Institutional) | Unflavored | 1 liter bottle | B4161 | 70074-0627-30 |
| 56655 | PediaSure® Peptide 1.5 Cal (Institutional) | Vanilla | 8 fl oz bottle | B4161 | 70074-0566-56 |
| 62731 | PediaSure® Peptide 1.5 Cal RTH (Institutional) | Vanilla | 1 liter bottle | B4161 | 70074-0627-32 |
| 62749 | PediaSure® 1.5 Cal w/ Fiber RTH (Institutional) | Vanilla | 1 liter bottle | B4160 | 70074-0627-50 |
| 56368 | PediaSure® with Fiber | Strawberry | 8 fl oz bottle | B4160 | 70074-0563-69 |
| 51882 | PediaSure® (Oral Use Institutional) | Chocolate | 8 fl oz can | B4160 | 70074-0518-83 |
| 51884 | PediaSure® (Oral Use Institutional) | Banana | 8 fl oz can | B4160 | 70074-0518-85 |
| 51880 | PediaSure® (Oral Use Institutional) | Strawberry | 8 fl oz can | B4160 | 70074-0518-81 |
| 55897 | PediaSure® (Oral Use Institutional) | Vanilla | 8 fl oz can | B4160 | 70074-0558-98 |

## Pediatric Product HCPCS and NDC-format Codes—cont'd

| Item Number | Product | Description | Unit | HCPCS Code | NDC Format Code |
|---|---|---|---|---|---|
| 53587 | PediaSure® (Oral Use Institutional) | Chocolate | 8 fl oz bottle | B4160 | 70074-0535-88 |
| 53581 | PediaSure® (Oral Use Institutional) | Vanilla | 8 fl oz bottle | B4160 | 70074-0535-82 |
| 53589 | PediaSure® (Oral Use Institutional) | Strawberry | 8 fl oz bottle | B4160 | 70074-0535-90 |
| 51804 | PediaSure® Enteral Formula 1.0 Cal (Enteral Formula Only - Institutional) | Vanilla | 8 fl oz can | B4160 | 70074-0518-05 |
| 58058 | PediaSure® Retail | Chocolate | 8 fl oz bottle | B4160 | 70074-0580-59 |
| 58052 | PediaSure® Retail | Banana | 8 fl oz bottle | B4160 | 70074-0580-53 |
| 58055 | PediaSure® Retail | Strawberry | 8 fl oz bottle | B4160 | 70074-0580-56 |
| 58049 | PediaSure® Retail | Vanilla | 8 fl oz bottle | B4160 | 70074-0580-50 |
| 53818 | PediaSure® Retail | Berry | 8 fl oz bottle | B4160 | 70074-0538-19 |
| 63343 | PediaSure® Shake Mix Powder | Vanilla | 14 fl oz can | None | 70074-0633-44 |
| 51806 | PediaSure® Enteral Formula 1.0 Cal with Fiber (Enteral Formula Only - Institutional) | Vanilla | 8 fl oz can | B4160 | 70074-0518-07 |
| 62727 | PediaSure Enteral Formula 1.0 Cal w/ Fiber RTH (Institutional) | Vanilla | 1 liter bottle | B4160 | 70074-0627-28 |
| 53585 | PediaSure® With Fiber (Oral Use Institutional) | Vanilla | 8 fl oz bottle | B4160 | 70074-0535-86 |
| 58220 | PediaSure® With Fiber (Institutional) | Vanilla | 8 fl oz can | B4160 | 70074-0582-21 |

| Item Number | Product | Description | Unit | HCPCS Code | NDC Format Code |
|---|---|---|---|---|---|
| 58061 | PediaSure® With Fiber Retail | Vanilla | 8 fl oz bottle | B4160 | 70074-0580-62 |
| 62486 | PediaSure SideKicks® | Vanilla | 8 fl oz bottle | None | 70074-0624-87 |
| 62484 | PediaSure SideKicks® | Chocolate | 8 fl oz bottle | None | 70074-0624-85 |
| 62482 | PediaSure SideKicks® | Strawberry | 8 fl oz bottle | None | 70074-0624-83 |
| 56523 | PediaSure SideKicks® 0.63 Cal (Institutional) | Vanilla | 8 fl oz bottle | B4158 | 70074-0565-24 |
| 56409 | PediaSure® 1.5 Cal (Oral Use Institutional) | Vanilla | 8 fl oz can | B4160 | 70074-0564-10 |
| 56411 | PediaSure® 1.5 Cal with Fiber (Oral Use Institutional) | Vanilla | 8 fl oz can | B4160 | 70074-0564-12 |
| 65096 | Pure Bliss™ by Similac® Infant Formula (Powder) | – | 12.4 oz can | B4158 | 70074-0650-95 |
| 66076 | Pure Bliss™ by Similac® Toddler Drink (Powder) | | 12.4 oz can | B4158 | 70074-0660-75 |
| 00108 | RCF® (Liquid) | – | 13 fl oz can | B4155 | 70074-0401-08 |
| 57768 | Similac® for Diarrhea (RTF) | – | 1 qt bottle | B4159 | 70074-0577-69 |
| 51276 | Similac® for Diarrhea (RTF) | – | 8 fl oz can | B4159 | 70074-0512-77 |
| 56728 | Similac® for Spit-Up (RTF) | – | 1 qt bottle | B4158 | 70074-0567-31 |
| 50959 | Similac® for Spit-Up (Powder) | – | 12.0 oz can | B4158 | 70074-0509-60 |
| 53729 | Similac® for Spit-Up NON-GMO (Powder) | – | 1.41 lb container | B4158 | 70074-0537-30 |
| 56269 | Similac® Special Care® 24 (RTF) (Retail) | – | 2 fl oz bottle | B4160 | 70074-0562-70 |

## Pediatric Product HCPCS and NDC-format Codes—cont'd

| Item Number | Product | Description | Unit | HCPCS Code | NDC Format Codes |
|---|---|---|---|---|---|
| 56312 | Similac® Special Care® 30 (RTF) (Retail) | – | 2 fl oz bottle | B4160 | 70074-0563-13 |
| 53363 | Similac® Advance® (RTF) | – | 1 qt bottle | B4158 | 70074-0533-64 |
| 53359 | Similac® Advance® (Powder) | – | 1.45 lb container | B4158 | 70074-0533-60 |
| 55957 | Similac® Advance® (Powder) | – | 12.4 oz can | B4158 | 70074-0559-58 |
| 56973 | Similac® Advance® (CL) | – | 13 fl oz can | B4158 | 70074-0569-74 |
| 64248 | Similac® Advance® NON-GMO (RTF) | - | 1 qt bottle | Pending | 70074-0642-49 |
| 64242 | Similac® Advance® NON-GMO (Powder) | – | 1.45 lb container | Pending | 70074-0642-43 |
| 66081 | Similac Pro-Advance™ (Powder) | – | 1.45 lb container | B4158 | 70074-0660-80 |
| 57600 | Similac Pro-Advance™ (RTF) | – | 2 fl oz bottle | B4158 | 70074-0576-01 |
| 57663 | Similac® Alimentum® (Powder) | – | 1 lb can | B4161 | 70074-0576-64 |
| 57508 | Similac® Alimentum® (RTF) | – | 8 fl oz can | B4161 | 70074-0575-09 |
| 57512 | Similac® Alimentum® (RTF) | – | 1 qt bottle | B4161 | 70074-0575-13 |
| 64715 | Similac® Alimentum® (Powder) | - | 12.1 oz can | B4161 | 70074-0647-12 |
| 50827 | Go & Grow® by Similac (Powder) | – | 1.38 lb container | B4158 | 70074-0508-28 |
| 64258 | Go & Grow by Similac® NON-GMO (Powder) | – | 1.38 lb container | Pending | 70074-0642-61 |
| 64318 | Go & Grow by Similac® Vanilla (Powder) | – | 1.5 lb can | – | 70074-0643-19 |

| Item Number | Product | Description | Unit | HCPCS Code | NDC Format Codes |
|---|---|---|---|---|---|
| 63420 | Go & Grow by Similac® Sensitive (Powder) | – | 1.38 lb container | – | 70074-0634-21 |
| 54598 | Similac® Human Milk Fortifier Powder | – | 0.9 oz packet | B4155 | 70074-0545-99 |
| 56649 | Similac® Human Milk Fortifier Concentrated Liquid (Institutional) | – | 5 mL packet | B4155 | 70074-0566-50 |
| 63010 | Similac® Human Milk Fortifier Hydrolyzed Protein Concentrated Liquid | – | 5 mL packet | – | 70074-0630-11 |
| 55967 | Similac® Soy Isomil® (RTF) | – | 1 qt bottle | B4159 | 70074-0559-68 |
| 50819 | Similac® Soy Isomil® (Powder) | – | 1.45 lb container | B4159 | 70074-0508-20 |
| 56975 | Similac® Soy Isomil® (CL) | – | 13 fl oz can | B4159 | 70074-0569-76 |
| 59645 | Similac® NeoSure® | – | 2 fl oz bottle | B4160 | 70074-0596-46 |
| 57455 | Similac® NeoSure® (RTF) | – | 1 qt bottle | B4160 | 70074-0574-56 |
| 57430 | Similac® NeoSure® (Powder) | – | 13.1 oz can | B4160 | 70074-0574-31 |
| 59883 | Similac® Organic (RTF) | – | 1 qt bottle | B4158 | 70074-0598-84 |
| 50821 | Similac® Organic (Powder) | – | 1.45 lb container | B4158 | 70074-0508-22 |
| 63013 | Similac® For Supplementation NON-GMO (Powder) | – | 1.45 lb container | B4158 | 70074-0629-50 |
| 00850 | Similac® PM 60/40 (Powder) | – | 14.1 oz can | B4154 | 70074-0608-50 |
| 50817 | Similac Sensitive® (Powder) | – | 1.41 lb container | B4158 | 70074-0508-18 |
| 53676 | Similac Sensitive® (RTF) | – | 8 fl oz bottle | B4158 | 70074-0560-92 |
| 57535 | Similac Sensitive® (CL) | – | 13 fl oz can | B4158 | 70074-0575-36 |

## Pediatric Product HCPCS and NDC-format Codes—cont'd

| Item Number | Product | Description | Unit | HCPCS Code | NDC Format Code |
|---|---|---|---|---|---|
| 57539 | Similac Sensitive® (Powder) | – | 12 oz can | B4158 | 70074-0575-41 |
| 64253 | Similac Sensitive® NON-GMO (RTF) | - | 1 qt bottle | Pending | Pending |
| 64246 | Similac Sensitive® NON-GMO (Powder) | – | 1.41 lb container | Pending | 70074-0642-40 |
| 57533 | Similac Sensitive® (RTF) | – | 1 qt bottle | B4158 | 70074-0575-34 |
| 66084 | Similac Pro-Sensitive™ (Powder) | – | 1.41 lb container | B4158 | 70074-0660-82 |
| 66180 | Similac Pro-Sensitive™ (RTF) | – | 2 fl oz bottle | B4158 | Pending |
| 58601 | Similac® Soy Isomil® (RTF) | – | 8 fl oz bottle | B4159 | 70074-0586-04 |
| 55963 | Similac® Soy Isomil® (Powder) | – | 12.4 oz can | B4159 | 70074-0559-64 |
| 62597 | Similac Total Comfort™ (Powder) | – | 1.41 lb container | B4158 | 70074-0625-98 |
| 62599 | Similac Total Comfort™ (Powder) | – | 12 oz can | B4158 | 70074-0626-00 |