

Product Information: Similac® Advance® Step 1 Concentrated Liquid

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Similac® Advance® Step 1 Concentrated Liquid

DHA- and ARA-enriched formula



Usage

- 1 For use as a breast milk substitute in infants who are not exclusively breastfed.
- 1 For oral or tube feeding use.

Features

- 1 DHA, an Omega-3 fatty acid that supports the normal physical development of the brain and eyes.¹
- 1 Lutein, an antioxidant found in breast milk and concentrated in the infant brain and eyes.^{2,3,4} Recent studies show that lutein may have a role in visual and cognitive development.⁵
- 1 Vitamin E, an antioxidant found in breast milk.^{6,7} - Similac® Advance® uses natural vitamin E, the most abundant form found in breast milk and in the infant brain.^{6,7,8,9,*}
- 1 Galactooligosaccharides (GOS), a type of oligosaccharide and dietary fibre, that:
 - Help promote softer stools, similar to those of breastfed babies.¹⁰
 - May support the growth of good bacteria in the baby's intestinal tract.^{11,12}
- 1 Non-GMO.[†]
- 1 Easy to digest.[‡]
- 1 Gluten-free.
- 1 Kosher.
- 1 Halal.

Safety Precautions

- 1 Never use a microwave oven to warm formula; serious burns can result. Test temperature before feeding to avoid scalding the baby's mouth.
- 1 Not for parenteral use.

* RRR-alpha-tocopherol, the most bioactive form of vitamin E.

† Ingredients not genetically engineered.

‡ Similar to other infant formulas.

¹ Canadian Food Inspection Agency: Health Claims – Nutrient Function Claims. Last modified on 2019-10-31. [Accessed online on 2023-11-14]

² Zimmer JP, et al. Clin Ophthalmol. 2007;1:25-35.

³ Krinsky NI, et al. Annu Rev Nutr. 2003;23:171-201.

⁴ Vishwanathan R, et al. JPGN. 2014;59(5):659-65.

⁵ Johnson EJ. Nutr Rev. 2014;72(9):605-12.

⁶ Stone WL, et al. Am J Clin Nutr. 2003;77:899-906.

⁷ Institute of Medicine (US) Panel on Dietary Antioxidants and Related Compounds. Dietary Reference Intakes for Vitamin C, Vitamin E, Selenium, and Carotenoids. Washington (DC): National Academies Press (US);2000.

⁸ Kuchan MJ, et al. Curr Dev Nutr. 2018;2:nzy055

⁹ Kuchan MJ, et al. Br J Nutr. 2016;116(1):126-31.

¹⁰ Williams T, et al. JPGN. 2014;59(5):653-8

¹¹ Ben XM, et al. Chin Med J (Engl). 2004;117:927-31.

¹² Ben XM, et al. World J Gastroenterol. 2008;14(42):6564-8.

Ingredients

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Concentrated Liquid Unflavored:

Water, Lactose, Dry or Evaporated Skim Milk, High Oleic Safflower Oil, Soy Oil, Galactooligosaccharides (GOS), Coconut Oil, Whey Protein Concentrate, M. Alpina Oil (A Source Of ARA), Monoglycerides, Soy Lecithin, Schizochytrium Sp. Oil (A Source of DHA), L-Tryptophan, Carrageenan, Taurine, M-Inositol, Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate, Adenosine 5'-Monophosphate, L-Carnitine, Lutein, MINERALS (Potassium Citrate, Calcium Carbonate, Potassium Chloride, Magnesium Chloride, Ferrous Sulphate, Zinc Sulphate, Copper Sulphate, Manganese Sulphate, Sodium Selenate), VITAMINS (Choline Bitartrate, Ascorbic Acid, D-Alpha-Tocopheryl Acetate, Niacinamide, Calcium D-Pantothenate, Vitamin A Palmitate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Phylloquinone, D-Biotin, Beta-Carotene, Vitamin D3, Cyanocobalamin), and As Needed: Potassium Phosphate, Calcium Phosphate, Potassium Hydroxide, Sodium Chloride, Potassium Iodide.

Allergens: Contains: Milk, Soy.

Availability

List Number	Item
6633313	Similac Advance® Step 1, Concentrated Liquid; 385-mL cans; 12/case

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Nutrition Information - Concentrated Liquid Unflavored

	100 mL (Concentrated Liquid)	100 mL (at standard dilution)
	Value	Value
ENERGY, Cal (kJ)	135 (570)	68 (283)
Protein, g	2.8	1.4
Taurine, mg	9.0	4.5
Carnitine, mg	1.8	0.90
Tryptophan, mg	46	23
Fat, g	7.3	3.7
Linoleic Acid, g	1.3	0.7
Linolenic Acid, g	0.1	0.06
Arachidonic Acid (ARA), g	0.034	0.017
Docosahexaenoic Acid (DHA), g	0.023	0.011
Carbohydrate, g	15	7.7
Fibre, g	0.8	0.4
Inositol, mg	6.0	3.0
Lutein, mg	0.011	0.0053
Nucleotides, mg	14	7.2
Vitamin A, IU	406	203
Vitamin D, IU	81	41
Vitamin E, IU	5.2	2.6
Vitamin K, mg	0.011	0.0055
Vitamin C, mg	12	6.0
Thiamine, mg	0.14	0.068
Riboflavin, mg	0.20	0.10
Niacin, mg	1.4	0.71
Vitamin B6, mg	0.081	0.041
Folic Acid, mg	0.020	0.010
Vitamin B12, mg	0.00046	0.00023
Pantothenic Acid, mg	0.80	0.40
Biotin, mg	0.006	0.003
Choline, mg	22	11
Sodium, mg	32	16
Potassium, mg	154	77
Chloride, mg	88	44
Calcium, mg	105	53
Phosphorus, mg	57	29
Magnesium, mg	8.2	4.1
Iron, mg	2.4	1.2
Zinc, mg	1.0	0.51
Iodine, mg	0.018	0.009
Copper, mg	0.12	0.061

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	100 mL (Concentrated Liquid)	100 mL (at standard dilution)
	Value	Value
Manganese, mg	0.0068	0.0034
Selenium, mg	0.0031	0.0016

Product Characteristics

	Value
AT STANDARD DILUTION	
Caloric Density (Cal/mL)	0.68
Protein (% of total energy)	8.2
Protein Source	Dry or evaporated skim milk, whey protein concentrate
Fat (% of total energy)	48.2
MCT oil (% of total fats)	0.0
Omega-6:Omega-3 Ratio	9.41:1
Fat Source	High oleic safflower oil, soy oil, coconut oil, M. alpina oil, schizochytrium sp. oil, monoglycerides, soy lecithin
Carbohydrate (% of total energy)	43.6
Carbohydrate Source	Lactose, galactooligosaccharides
Total Cal:g Nitrogen Ratio	310:1
Nonprotein Cal:g Nitrogen Ratio	284:1
Water (g/L)	900
Osmolality (mOsm/kg water)	300
Renal Solute Load (mOsm/L)	131
Recommended Tube Size for Gravity/Pump Feeding (Fr)	N/A

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Preparation

Directions for Use:

Your baby's health depends on carefully following these directions. Proper hygiene, preparation, mixing and storage are important when using infant formula. Failure to follow these directions could result in severe harm. Use as directed by your health care professional.

- 1 Wash hands thoroughly with soap and water.
- 1 Sterilize equipment and water
 - 1 Place washed bottles, nipples, rings, caps and all preparation equipment in boiling water and keep at a rolling boil for 2 minutes.
 - 1 In another pot, boil water at a rolling boil for 2 minutes. Cool to room temperature prior to mixing.
- 1 Prepare formula – Must add water
 - 1 Clean top of can. Shake well before opening.
 - 1 Pour equal amounts of concentrated liquid formula and boiled, cooled water into bottle. (See Mixing Guide)
- 1 Cap bottle; shake well; attach nipple. Once feeding begins, use within 1 hour or discard.
- 1 Cover prepared bottles and opened cans and refrigerate immediately; use within 48 hours.
- 1 Store unopened cans under normal room temperature conditions.

MIXING GUIDE

Boiled, cooled water	Concentrated Liquid	Feeding Amount
30 mL	30 mL	60 mL
60 mL	60 mL	120 mL
90 mL	90 mL	180 mL
120 mL	120 mL	240 mL

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