

# SIMILAC® ALIMENTUM® OMEGA-3 AND OMEGA-6

Hypoallergenic, extensively hydrolyzed formula

For infants 0+ months of age



Now available in  
powder format

## INDICATIONS FOR USE

**A nutritionally complete, hypoallergenic formula for infants with:**

- Colic symptoms due to protein sensitivity (cow's milk and/or soy protein)
- Sensitivity to intact protein (cow's milk and/or soy protein)
- Severe food allergies
- Protein maldigestion
- Fat malabsorption
- For initial or supplemental feeding of term infants.
- For oral or tube feeding.

**Safety precautions:**

- Not for parenteral use.
- Not for infants with galactosemia.

## FEATURES AND BENEFITS

- Alimentum® fulfills the accepted international medical standard for a "hypoallergenic" product.<sup>1,2</sup> "Hypoallergenic" does not mean "non"-allergenic.
- Extensively hydrolyzed† casein, supplemented with free amino acids for infants who are sensitive to or unable to digest intact protein.
- Unique blend of carbohydrates digested by separate enzyme systems which may help maximize absorption.<sup>3</sup>
- Contains DHA (0.2%†), an Omega-3 fatty acid, and ARA (0.4%†), an Omega-6 fatty acid, to support the normal physical development of the brain and eyes.<sup>4</sup>
- Approximately 33% of fat as medium-chain triglycerides, an easily digested and well-absorbed fat source.<sup>5</sup>
- Does not contain added lactose, to help avoid lactose-associated diarrhea.
- No palm olein oil.
- Easy to digest.<sup>5</sup>

## TECHNICAL DATA

	Powder (at standard dilution)
Caloric density (Cal/mL)	0.68
Protein (% of total energy)	11.0
Fat (% of total energy)	48.6
Carbohydrate (% of total energy)	40.4
Total Cal:g nitrogen ratio	230:1
Non-protein Cal:g nitrogen ratio	205:1
Water (g/L)	892
Osmolality (mOsm/kg water)	274
Renal solute load (mOsm/L)	171
Viscosity at room temperature/ chilled	-
Minimum tube size for gravity/ pump feeding (Fr)	N/A
Low residue	Yes
Gluten-free	Yes
Kosher	No
Halal	No

## AVAILABILITY

### Powder

57077340	Similac® Alimentum® Omega-3 and Omega-6	400-g cans	6/case
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† Extensively broken down to small peptides and amino acid components to minimize the potential for allergic reaction. ‡ Of total fatty acids. § Similar to other infant formulas.

### REFERENCES:

1. Kleinman RE et al. Use of infant formulas in infants with cow milk allergy: a review and recommendations. *Pediatr Allergy Immunol* 1991;2:146-55.
2. American Academy of Pediatrics. Committee on Nutrition. Hypoallergenic Infant Formulas. *Pediatrics* 2000;106(2):346-9.
3. Kerzner B et al. Jejunal absorption of sucrose and glucose oligomers in the absence of pancreatic amylase. *Pediatr Res* 1983;17:191A.
4. Canadian Food Inspection Agency: Guide to food labeling and advertising health claims (chap. 8). Available at: <http://www.inspection.gc.ca/english/fssa/label/guide/ch8e.pdf>. Accessed January, 2016.
5. Duggan C, Watkins JB and Walker WA. Nutrition in Pediatrics: Standard and Specialized Enteral Formulas. BC Decker Inc. Hamilton. 2008.

## ENERGY

	Per 100 g Powder	Per 100 mL (at standard dilution)	Per 100 Cal
ENERGY (Cal [kJ])	517 (2163)	67.6 (283)	100 (418)
PROTEIN (g)	14.21	1.86	2.75
% of total energy		11	
Arginine (mg)	560	73	108
Cystine (mg)	196	26	38
Histidine (mg)	408	53	79
Isoleucine (mg)	835	109	162
Leucine (mg)	1433	187	277
Lysine (mg)	1193	156	231
Methionine (mg)	415	54	80
Phenylalanine (mg)	679	89	131
Tryptophan (mg)	171	22	33
Threonine (mg)	663	87	128
Valine (mg)	1057	138	204
Taurine (mg)	30.0	3.92	5.8
Carnitine (mg)	10.3	1.35	2.0
Nucleotides (mg)	-	-	-
Source	Casein hydrolysate, free amino acids		
FAT (g)	28.63	3.80	5.54
% of total energy		48.6	
Polyunsaturated fatty acids (g)	6.04	0.791	1.168
Linoleic acid (g)	4.135	0.540	0.800
Arachidonic acid (ARA) (g)	0.101	0.0130	0.0195
Linolenic acid (g)	0.439	0.0580	0.0850
Docosahexaenoic acid (DHA) (g)	0.051	0.0070	0.00986
Omega-6:Omega-3 ratio		9.44:1	
Monounsaturated fatty acids (g)	9.53	1.247	1.843
Saturated fatty acids (g)	10.90	1.425	2.108
Cholesterol (mg)	-	-	-
Source	High oleic safflower oil, MCT oil, soy oil, ARA and DHA		
MCT oil (% of total fats)		33	
CARBOHYDRATE (g)	52.20	6.80	10.1
% of total energy		40.4	
Total dietary fibre (g)	-	-	-
Short-chain fructooligosaccharides (scFOS) (g)	-	-	-
Galactooligosaccharides (GOS) (g)	-	-	-
Source	Corn maltodextrin, sucrose, modified corn starch		
Acesulfame-potassium (mg)	-	-	-
Sucralose (mg)	-	-	-

## VITAMINS

Vitamin A (RE [IU])	465 (1550)	60.8 (203)	90.0 (300)
Vitamin D <sub>3</sub> (mcg [IU])	7.75 (310)	1.01 (41.0)	1.50 (60.0)
Vitamin E (IU)	15.5	2.00	3.00
Vitamin K <sub>1</sub> (mg)	0.0517	0.0068	0.0100
Vitamin C (mg)	64.6	8.50	12.5
Thiamine (mg)	0.388	0.0510	0.0751
Riboflavin (mg)	0.517	0.068	0.100
Niacin (mg)	5.43	0.710	1.051
Vitamin B <sub>6</sub> (mg)	0.310	0.0410	0.0600
Folic acid (mg)	0.0775	0.0100	0.0150
Vitamin B <sub>12</sub> (mg)	0.00181	0.000240	0.000350
Pantothenic acid (mg)	3.88	0.510	0.751
Biotin (mg)	0.0233	0.00300	0.00451
Choline (mg)	77.5	10.1	15.0
Inositol (mg)	31.0	4.10	6.00
Lutein (mg)	-	-	-

## MINERALS

Sodium (mg [mmol])	227 (9.87)	30.0 (1.30)	43.9 (1.91)
Potassium (mg [mmol])	610 (15.64)	80.0 (2.06)	118 (3.03)
Chloride (mg [mmol])	413 (11.65)	54.0 (1.53)	80 (2.25)
Calcium (mg)	543	71.0	105
Phosphorus (mg)	388	51.0	75.1
Magnesium (mg)	38.8	5.10	7.51
Iron (mg)	9.30	1.22	1.80
Zinc (mg)	3.88	0.510	0.751
Iodine (mg)	0.0780	0.0100	0.0151
Copper (mg)	0.388	0.0510	0.0751
Manganese (mg)	0.0362	0.00473	0.0070
Selenium (mg)	0.0109	0.00140	0.00211
Chromium (mg)	-	-	-
Molybdenum (mg)	-	-	-

## INGREDIENTS

### Similac® Alimentum® Omega-3 and Omega-6, Powder:

Corn maltodextrin, casein hydrolysate (derived from milk), high oleic safflower oil, medium chain triglycerides (modified coconut and/or palm kernel oils), sucrose, soy oil, modified corn starch, calcium citrate, calcium phosphate, potassium citrate, xanthan gum, potassium phosphate, \*M. alpina oil, L-tyrosine, magnesium chloride, L-cystine hydrochloride, sodium chloride, ascorbic acid, \*\*C. cohnii oil, L-tryptophan, choline chloride, ferrous sulphate, potassium chloride, taurine, m-inositol, dl-α-tocopheryl acetate, ascorbyl palmitate, zinc sulphate, L-carnitine, mixed tocopherols, niacinamide, calcium pantothenate, cupric sulphate, vitamin A palmitate, riboflavin, thiamine chloride hydrochloride, pyridoxine hydrochloride, folic acid, potassium iodide, phyloquinone, biotin, sodium selenite, vitamin D<sub>3</sub>, cyanocobalamin.

\* Source of arachidonic acid (ARA). \*\* Source of docosahexaenoic acid (DHA).

**CONTAINS: Priority food allergens: Milk.†† Ingredients associated with food intolerances and/or sensitivities: Corn, coconut oil, citric acid, other soy components.**

†† Alimentum® contains a pre-digested protein (casein hydrolysate). This hypoallergenic formula is specifically designed for infants and children who cannot tolerate milk- or soy-based formulas.

Values listed are subject to change. Please refer to the product label or packaging for the most current ingredient, allergen and nutrient profile information.

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