

## Product Information: Similac Pro-Advance® Step 2

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[www.abbottnutrition.ca](http://www.abbottnutrition.ca)

# Similac Pro-Advance® Step 2

with 2'-FL oligosaccharide / DHA- and ARA-fortified

## Usage

- 1 Transition formula for infants who are 6 months or older.
- 1 For oral or tube feeding use.

## Features

- 1 Specially formulated to help bridge the nutritional gaps that can be associated with the transition to table foods.
- 1 Calcium enriched (50% more calcium than Similac Pro-Advance® Step 1) to support growing infants.
- 1 Our most advanced formula with 2'-FL.\*
- 1 2'-FL\* is structurally identical to 2'-FL human milk oligosaccharide (HMO),<sup>1</sup> the most abundant HMO found in the breast milk of most mothers.<sup>2</sup>
- 1 Addition of 2'-FL\* to infant formula may help support the development and regulation of the formula-fed baby's immune response to be closer to that of breastfed infants.<sup>3,†</sup>
- 1 DHA, the most abundant Omega-3 fatty acid in brain and eyes.<sup>4</sup>
- 1 Lutein, an antioxidant found in breast milk and concentrated in the infant brain and eyes.<sup>5,6,7</sup> Recent studies show that lutein may have a role in visual and cognitive development.<sup>8</sup>
- 1 Vitamin E, a dietary antioxidant that protects fats in body tissues from oxidation.<sup>9</sup> Similac Pro-Advance® uses natural vitamin E,<sup>‡</sup> the most abundant form found in breast milk and in the infant brain.<sup>10,11</sup>
- 1 Non-GMO.<sup>§</sup>
- 1 Easy to digest.<sup>¶</sup>
- 1 Gluten-free.
- 1 Kosher.
- 1 Halal.

## Safety Precautions

- 1 Not for parenteral use.

\* Not derived from human milk.

† Breast milk is best for babies, contains many immune factors not available in infant formula, and its use is recommended for as long as possible during infancy.

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

§ Ingredients not genetically engineered.

¶ Similar to other infant formulas.

<sup>1</sup> Weichert S et al. *Nutr Res* 2013;33(10):831-8.

<sup>2</sup> Castanys-Muñoz E et al. *Nutr Rev* 2013;71(12):773-89.

<sup>3</sup> Goehring KC, et al. *J Nutr*. 2016;146(12):2559-2566.

<sup>4</sup> Calder PC. *Ann Nutr Metab* 2016;69(Suppl. 1):8-21.

<sup>5</sup> Zimmer JP, et al. *Clin Ophthalmol*. 2007;1:25-35.

<sup>6</sup> Krinsky NI, et al. *Annu Rev Nutr*. 2003;23:171-201.

<sup>7</sup> Vishwanathan R, et al. *JPGN*. 2014;59(5):659-65.

<sup>8</sup> Johnson EJ. *Nutr Rev*. 2014;72(9):605-12.

<sup>9</sup> Canadian Food Inspection Agency: *Health Claims – Nutrient Function Claims*. Last modified on 2019-10-31. [Accessed online on 2023-11-14]

<sup>10</sup> Kuchan MJ, et al. *Curr Dev Nutr*. 2018;2:nzy055

<sup>11</sup> Kuchan MJ, et al. *Br J Nutr*. 2016;116(1):126-31.



## Ingredients

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**Powder Unflavored:**

Lactose, Dry or Evaporated Skim Milk, High Oleic Safflower Oil, Whey Protein Concentrate, Soy Oil, Coconut Oil, Fructooligosaccharides, Whey Protein Hydrolysate, M. Alpina Oil (A Source Of ARA), 2'-Fucosyllactose (2'-FL), Schizochytrium Sp. Oil (A Source of DHA), Soy Lecithin, L-Tryptophan, Taurine, M-Inositol, Cytidine 5'-Monophosphate, Ascorbyl Palmitate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate, Adenosine 5'-Monophosphate, Mixed Tocopherols, L-Carnitine, Lutein, MINERALS (Tricalcium Phosphate, Calcium Carbonate, Potassium Citrate, Potassium Hydroxide, Magnesium Chloride, Sodium Chloride, Ferrous Sulphate, Zinc Sulphate, Copper Sulphate, Manganese Sulphate, Potassium Iodide, Sodium Selenite), VITAMINS (Ascorbic Acid, Choline Bitartrate, D-Alpha-Tocopheryl Acetate, Niacinamide, Calcium D-Pantothenate, Vitamin A Palmitate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Beta-Carotene, Phylloquinone, Vitamin D3, D-Biotin, and Cyanocobalamin).

**Allergens:** Contains: Milk, Soy.

Availability

List Number	Item
6818113	Similac Pro-Advance® Step 2; 584 g can; 6/case
6818313	Similac Pro-Advance® Step 2; 859 g can; 6/case

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## Nutrition Information - Powder Unflavored

	100 g (Powder)	100 mL (at standard dilution)	100 Cal
	Value	Value	Value
ENERGY, Cal (kJ)	516 (2160)	68 (280)	100 (418)
Protein, g	11	1.4	2.1
Taurine, mg	35	4.5	6.7
Carnitine, mg	7.6	0.99	1.5
Tryptophan, mg	183	24	35
Fat, g	29	3.7	5.5
Linoleic Acid, g	4	0.53	0.78
Linolenic Acid, g	0.38	0.05	0.075
Arachidonic Acid (ARA), g	0.11	0.014	0.021
Docosahexaenoic Acid (DHA), g	0.055	0.0072	0.011
Carbohydrate, g	56	7.3	10.8
Fibre, g	1.4	0.18	0.27
2'-fucosyllactose (2'-FL), mg	153	20	30
Inositol, mg	30	4	5.9
Lutein, mg	0.058	0.0076	0.011
Nucleotides, mg	55	7.2	10.7
Vitamin A, IU	1454	190	282
Vitamin D, IU	309	40	60
Vitamin E, IU	21	2.7	4
Vitamin K, mg	0.069	0.009	0.0134
Vitamin C, mg	77	10	15
Thiamine, mg	0.61	0.08	0.12
Riboflavin, mg	0.81	0.11	0.16
Niacin, mg	5.5	0.72	1.06
Vitamin B6, mg	0.31	0.041	0.06
Folic Acid, mg	0.053	0.0069	0.01
Vitamin B12, mg	0.0013	0.00017	0.00026
Pantothenic Acid, mg	2.3	0.3	0.5
Biotin, mg	0.019	0.0025	0.0037
Choline, mg	77	10	15
Sodium, mg	137	18	27
Potassium, mg	609	80	118
Chloride, mg	338	44	65
Calcium, mg	609	80	118
Phosphorus, mg	304	40	59
Magnesium, mg	40	5.2	7.7
Iron, mg	9.2	1.2	1.8
Zinc, mg	3.9	0.5	0.75

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## Nutrition Information - Powder Unflavored

	100 g (Powder)	100 mL (at standard dilution)	100 Cal
	Value	Value	Value
Iodine, mg	0.1	0.013	0.02
Copper, mg	0.41	0.053	0.079
Manganese, mg	0.037	0.0048	0.0071
Selenium, mg	0.01	0.0013	0.002

## 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, whey protein hydrolysate
Fat (% of total energy)	48.8
Omega-6:Omega-3 Ratio	9.7:1
MCT oil (% of total fats)	0
Fat Source	High oleic safflower oil, soy oil, coconut oil, M. alpina oil, Schizochytrium sp. oil, soy lecithin
Carbohydrate (% of total energy)	43.0
Carbohydrate Source	Lactose, fructooligosaccharides, 2'-fucosyllactose
Total Cal:g Nitrogen Ratio	309:1
Nonprotein Cal:g Nitrogen Ratio	284:1
Water (g/L)	904
Osmolality (mOsm/kg water)	303
Renal Solute Load (mOsm/L)	97
Recommended Tube Size for Gravity/Pump Feeding (Fr)	N/A

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## Preparation

**Directions for Preparation and 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.

**Preparation instructions**

- 1 Wash hands thoroughly with soap and water.
- 1 Sterilize equipment: Place washed bottles, nipples, rings, caps, and all preparation equipment in boiling water and keep at a rolling boil for 2 minutes. Sterilize water: In another pot, boil water at a rolling boil for 2 minutes. Cool to room temperature prior to mixing.
- 1 Prepare formula using enclosed scoop - see Mixing Guide. Return dry scoop to container.
- 1 Cap bottle; shake well; attach nipple.

Once feeding begins, use within 1 hour or discard.

**Mixing Guide**

Cooled sterilized water	Unpacked Level Scoop(s)
60 mL	1
120 mL	2
180 mL	3
240 mL	4

Once mixed, refrigerate bottles immediately; use within 24 hours. Once feeding begins, use within 1 hour or discard.