

## **Product Information: Similac® Human Milk Fortifier Hydrolyzed Protein Concentrated Liquid**

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

# Similac® Human Milk Fortifier Hydrolyzed Protein Concentrated Liquid

- 1 Intended for premature and low-birth-weight infants as a nutritional supplement to add to human milk.
- 1 Use under medical supervision.
- 1 Clinical study shows improved growth for your littlest babies.<sup>1</sup>
- 1 Extensively hydrolyzed protein for easy digestion and absorption.
- 1 Non-acidified.
- 1 Lutein and DHA for developing eyes and brain.
- 1 When added to human milk, meets expert recommendations for protein<sup>2,3,\*</sup> and other nutrients for the premature infant.<sup>2</sup>
- 1 Well tolerated.
- 1 Small, convenient packet is designed for easy mixing.
- 1 Commercially sterile and meets the ADA and CDC recommendation to use liquid for NICU feedings.<sup>4,5,†</sup>
- 1 Low iron level provides flexibility to add iron as needed.
- 1 Gluten-free.



## Safety Precautions

- 1 Add only to human milk - do not add water.
- 1 This product is nutritionally incomplete by itself and is designed to be added to human breast milk.
- 1 Additional iron may be necessary.
- 1 Tolerance to enteral feedings should be confirmed by offering small volumes of unfortified human milk.
- 1 Once enteral feeding is well established, Similac Human Milk Fortifier Hydrolyzed Protein Concentrated Liquid can be added to human milk.
- 1 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 **Never use a microwave oven to warm feedings.** Serious burns can result.

\* One packet mixed with 25 mL of human milk.

† American Dietetic Association and Centers for Disease Control and Prevention

<sup>1</sup> Kim JH, et al. *J Pediatr Gastroenterol Nutr* 2015;61:665-671.

<sup>2</sup> Klein CJ. *J Nutr* 2002;132(6):1395S-1577S.

<sup>3</sup> Agostoni C, et al. *J Pediatr Gastroenterol Nutr* 2010;58:85-91.

<sup>4</sup> 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 March 10, 2016.

<sup>5</sup> Pediatric Nutrition Practice Group, Robbins ST, Myers R. *Infant Feedings: Guidelines for Preparation of Formula and Breastmilk in Health Care Facilities*. ed 2. Chicago: American Dietetic Association, 2011.

## Ingredients

### Concentrated Liquid Unflavored:

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, Sodium Selenite), Medium-Chain Triglycerides, Soy Oil, Coconut Oil, Modified Corn Starch, Vitamins (Vitamin A Palmitate, Vitamin D3, d-Alpha-Tocopheryl Acetate, Phylloquinone, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Cyanocobalamin, Niacinamide, Folic Acid, Calcium Pantothenate, Biotin, Ascorbic Acid, m-Inositol, Choline Chloride), Distilled Monoglycerides, L-Tyrosine, L-Leucine, L-Tryptophan, L-Carnitine, Gellan Gum, and Potassium Hydroxide.

**Allergens:** Contains milk ingredients.

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## Availability

List Number	Item
63010	Similac Human Milk Fortifier Hydrolyzed Protein Conc Liquid / 5-mL (0.17-fl-oz) pouch / 6 x 24 ct

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# Similac® Human Milk Fortifier Hydrolyzed Protein Concentrated Liquid

## Nutrition Information - Concentrated Liquid Unflavored

	5 mL (1 packet)		30 mL (1 packet mixed with 25 mL preterm human milk)*		100 Cal (prepared as directed)*	
	Value	%RDI / %DV	Value	%RDI / %DV	Value	%RDI / %DV
Volume, mL	5		30		126	
Calories	7		24		100	
Protein, g	0.50		0.85		3.58	
Fat, g	0.21		1.18		4.98	
Carbohydrate, g	0.75		2.41		10.14	
Water, g	3.3		25.3		106	
Linoleic Acid, mg	18		110 <sup>†</sup>		464 <sup>†</sup>	
Vitamin A, IU	197		295		1238	
Vitamin D, IU	35		36		149	
Vitamin E, IU	1.0		1.3		5.3	
Vitamin K, mcg	2.4		2.5		10.3	
Thiamin (Vitamin B1), mcg	48		53		224	
Riboflavin (Vitamin B2), mcg	74		86		362	
Vitamin B6, mcg	50		53		226	
Vitamin B12, mcg	0.13		0.14		0.6	
Niacin, mcg	980		1010		4279	
Folic Acid (Folacin), mcg	7		8		32.9	
Pantothenic Acid, mcg	310		355		1494	
Biotin, mcg	5.8		5.9 <sup>†</sup>		24.8 <sup>†</sup>	
Vitamin C (Ascorbic Acid), mg	7.7		10.4		43.7	
Choline, mg	0.9		3.3 <sup>†</sup>		13.7 <sup>†</sup>	
Inositol, mg	1.7		5.4 <sup>†</sup>		22.7 <sup>†</sup>	
Calcium, mg	30		36		152	
Calcium, mEq	1.5		1.8		7.6	
Phosphorus, mg	17		20		85	
Magnesium, mg	2.1		2.8		12.1	
Iron, mg	0.11		0.14		0.59	
Zinc, mg	0.31		0.39		1.66	
Manganese, mcg	2.2		2.4 <sup>†</sup>		9.9 <sup>†</sup>	
Copper, mcg	15		31		131	
Iodine, mcg	0.4		3.1 <sup>†</sup>		13 <sup>†</sup>	
Selenium, mcg	0.2		0.5 <sup>†</sup>		2 <sup>†</sup>	
Sodium, mg	5		12		47	
Sodium, mEq	0.2		0.5		2	
Potassium, mg	21		35		148	
Potassium, mEq	0.5		0.9		3.6	

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# Similac® Human Milk Fortifier Hydrolyzed Protein Concentrated Liquid

## Nutrition Information - Concentrated Liquid Unflavored

	5 mL (1 packet)		30 mL (1 packet mixed with 25 mL preterm human milk)*		100 Cal (prepared as directed)*	
	Value	%RDI / %DV	Value	%RDI / %DV	Value	%RDI / %DV
Chloride, mg	13		27		113	
Chloride, mEq	0.4		0.8		3.3	
Potential Renal Solute Load, mOsm	5.1		8.4		32.2	

## Concentrated Liquid Unflavored Footnotes & References

### ***Per 30 mL (1 packet mixed with 25 mL preterm human milk)\****

\*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, Jan 1998, p 56.

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

### ***Per 100 Cal (prepared as directed)\****

\*Per 100 Calories, as fed, approximately 4 packets in 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, Jan 1998, p 56.

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

## Preparation

### **Directions for Preparation and Use:**

This product is 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.**

### Use

Additional Calories Desired	Human Milk	Similac Human Milk Fortifier	Approximate Yield
2 Calories / fl oz	50 mL	1 packet	55 mL
4 Calories / fl oz	25 mL	1 packet	30 mL

### Immediate Use

- 1 Pour desired quantity of human milk into sterile feeding container.
- 1 Product separation is normal. Massage contents until uniform.
- 1 To open packet, tear top off completely along perforation.
- 1 Add contents to human milk; **shake until mixed well**. Once bottle feeding begins, use within one hour or discard.

### When Stored

- 1 Refrigerate unused fortified human milk and use within 24 hours.
- 1 After refrigeration, remix gently if needed. Feed promptly.

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# Similac® Human Milk Fortifier Hydrolyzed Protein Concentrated Liquid

## Storage & Handling

### Storage

- 1 Keep unopened packets at room temperature in this protective carton; avoid extreme temperatures.

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