Premature high protein infant formula with iron

# Product Information: Similac® Special Care® 24 High Protein

Premature high protein infant formula with iron

- 1 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.
- Use under medical supervision.
- OptiGRO™ is our exclusive blend of DHA, lutein and vitamin E: these important ingredients are found in breast milk.
  - O DHA for brain and eye development.
  - O Lutein to support eye health.
  - O 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.<sup>1,2,3,4</sup>
- 1 Lutein, a carotenoid naturally found in colostrum and human milk, has been shown to help support eye health in the the preterm infant.<sup>5,6,7,8</sup>
- 1 Calcium: phosphorus content and ratio (1.8:1) supports intrauterine accretion rates.<sup>9</sup>
- 1 Approximately 2 mg iron/kg body weight per day when fed at 120 Cal/kg body weight per day.
- 1 Gluten-free.
- Halal.
- 1 Kosher.

### **Safety Precautions**

- 1 Very-low-birthweight infants are particularly susceptible to gastrointestinal complications; therefore, feeding should be initiated cautiously.
- 1 Tolerance to enteral feedings should be confirmed by initially offering small volumes of formula followed by cautious progression to higher caloric feedings.
- 1 Spitting up, abdominal distension, 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 first signs of these problems, enteral feeding should be slowed or discontinued.
- 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.
- Never use a microwave oven to warm formula. Serious burns can result.

### Ingredients





<sup>&</sup>lt;sup>1</sup> Ziegler EE. J Pediatr Gastroenterol Nutr 2007;45:170-174.

<sup>&</sup>lt;sup>2</sup> Klein CJ. J Nutr 2002;132:1395S-1577S.

<sup>&</sup>lt;sup>3</sup> Kleinman RE, Greer FR (eds): Pediatric Nutrition, 7th ed. Elk Grove Village, IL: American Academy of Pediatrics: 2014:93.

<sup>&</sup>lt;sup>4</sup> Canadian Pediatric Society. CMAJ 1995;152(11):1765-1785.

<sup>&</sup>lt;sup>5</sup> Canfield LM, et al. Eur J Nutr 2003;42:133-141.

<sup>&</sup>lt;sup>6</sup> Schweigert FJ, et al. Eur J Nutr 2004;43:39-44.

<sup>&</sup>lt;sup>7</sup> Patton S, et al. Lipids 1990;25:159-165.

<sup>&</sup>lt;sup>8</sup> Rubin LP, et al. J Perinatol 2012;32:418-424.

<sup>&</sup>lt;sup>9</sup> Mize et al. Am J Clin Nutr 1995;62:385-391.

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### **Liquid Unflavored:**

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 D3, Cyanocobalamin, and Nucleotides (Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate, Adenosine 5'-Monophosphate).

Allergens: Contains milk and soy ingredients.

### **Availability**

List Number	Item
56271	Similac Special Care 24 High Protein Ready to Feed / 2-fl-oz (59-mL) bottle / 48 ct

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### **Nutrition Information - Liquid Unflavored**

	100 Ca	100 Cal (4.2 fl oz)		1000 mL (1.1 QT)	
	Value	%RDI / %DV	Value	%RDI / %DV	
Calories	100		812		
Volume, mL	124		1000		
Protein, g	3.3		26.8		
Fat, g	5.43		44.07		
Carbohydrate, g	10.0		81		
Water, g	109		885		
Linoleic Acid, mg	700		5681		
Vitamin A, IU	1250		10144		
Vitamin D, IU	150		1217		
Vitamin E, IU	4.0		32.5		
Vitamin K, mcg	12		97.4		
Thiamin (Vitamin B1), mcg	250		2029		
Riboflavin (Vitamin B2), mcg	620		5032		
Vitamin B6, mcg	250		2029		
Vitamin B12, mcg	0.55		4.46		
Niacin, mcg	5000		40578		
Folic Acid (Folacin), mcg	37		300		
Pantothenic Acid, mcg	1900		15419		
Biotin, mcg	37		300		
Vitamin C (Ascorbic Acid), mg	37		300		
Choline, mg	10		81		
Inositol, mg	40		325		
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		
lodine, 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		
Potential Renal Solute Load, mOsm	29.5		240		



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### **Preparation**

Can be mixed to a variety of caloric densities using the Liqui-Mix® System. Follow physician's instructions.

#### Instructions for Use:

The health of the infant depends on carefully following the directions for preparation and use. Proper hygiene, handling and storage are important when preparing infant formula.

- 1 Do not add water.
- 1 Shake very well.
- 1 Do not use if breakaway ring is missing or broken.
- 1 Twist off cap.
- 1 Twist on nipple and ring.
- 1 Pour desired amount into feeding container (Volu-Feed or syringe) or attach clean, single-use nipple and ring (not included). Use sterile nipple and ring if directed.
- Once oral feeding begins, use within one hour or discard.
- 1 If signs of intolerance develop, slow feeding or discontinue.

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### Storage & Handling

#### Instructions for Storage:

- 1 Avoid prolonged exposure of bottles to light.
- 1 Store unopened at room temperature; avoid extreme temperatures.
- 1 For mixing: pour, recap, refrigerate and use within 24 hours.
- 1 Do not reuse bottle.

