

## Product Information: Similac Expert Care® NeoSure®

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# Similac Expert Care® NeoSure®

## Infant Formula with Iron

- 1 A 22 Cal/fl oz, nutrient-enriched\* formula for babies who were born prematurely. Designed to be used as a preterm post-discharge formula.
- 1 Use under medical supervision.
- 1 OptiGRO™ is our exclusive blend of DHA, lutein and vitamin E: these important ingredients are found in breastmilk.
  - DHA for brain development.
  - Lutein to support eye health.
  - Vitamin E, an important nutrient found in breast milk to support developing cells.
- 1 Supports excellent growth during baby's first year.<sup>1</sup>
  - Increased protein, energy, vitamins, and minerals compared to term infant formula.
  - Extra calories for growth.
  - Calcium and phosphorus for baby's growing bones.
- 1 Supports better gains in weight, length, and head circumference when compared to term infant formula.<sup>1</sup>
- 1 Preterm infants fed Similac Expert Care NeoSure through the first year of life showed significantly increased lean body mass and less fat mass at 12 months corrected age.<sup>2,†</sup>
- 1 Improved visual acuity at 6 months corrected age.<sup>3,†,‡</sup>
- 1 Improved early language development at 14 months corrected age.<sup>3,†,§</sup>
- 1 Lutein, a carotenoid naturally found in colostrum and human milk, has been shown to help support eye development of the preterm infant.<sup>4,5,6,7</sup>
- 1 25% of the fat blend as medium-chain triglycerides, an easily digested and well-absorbed fat source.
- 1 Gluten-free.
- 1 Halal.
- 1 Kosher.



## Safety Precautions

- 1 **Never use a microwave oven to warm formula.** Serious burns can result.
- 1 Powdered infant formulas are not sterile and should not be fed to premature infants or infants who might have immune problems unless directed and supervised by your baby's doctor.

\* Increased protein, vitamins, and minerals compared to term infant formula.

† Compared to infants fed a formula without DHA and ARA in a clinical trial with Similac Special Care and Similac NeoSure infant formulas with iron.

‡ Visual acuity measured at 4 and 6 months corrected age and assessed by VEP (visual evoked potential).

§ Based on a post-hoc analysis of English-speaking singleton premature infants using the MacArthur Communicative Developmental Inventories.

<sup>1</sup> Carver JD, et al. *Pediatrics* 2001;107:638-689.

<sup>2</sup> Groh-Wargo S, et al. *Pediatr Res* 2005;57:712-718.

<sup>3</sup> O'Connor DL, et al. *Pediatrics* 2001;108:359-371.

<sup>4</sup> Canfield LM, et al. *Eur J Nutr* 2003;42:133-141.

<sup>5</sup> Schweigert FJ, et al. *Eur J Nutr* 2004;43:39-44.

<sup>6</sup> Patton S, et al. *Lipids* 1990;25:159-165.

<sup>7</sup> Rubin LP, et al. *J Perinatol* 2011;32:418-424.

## Ingredients

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**Powder Unflavored:**

Nonfat Milk, Corn Syrup Solids, Lactose, Soy Oil, High Oleic Safflower Oil, Whey Protein Concentrate, Medium-Chain Triglycerides, Coconut Oil. Less than 2% of the Following: C. Cohnii Oil, M. Alpina Oil, Beta-Carotene, Lutein, Potassium Citrate, Calcium Phosphate, m-Inositol, Ascorbic Acid, Magnesium Chloride, Soy Lecithin, Calcium Carbonate, Taurine, Ferrous Sulfate, Choline Bitartrate, Choline Chloride, Ascorbyl Palmitate, L-Carnitine, Potassium Chloride, Salt, Zinc Sulfate, Mixed Tocopherols, d-Alpha-Tocopheryl Acetate, Sodium Citrate, Niacinamide, Potassium Phosphate, Calcium Pantothenate, Cupric Sulfate, Vitamin A Palmitate, Thiamine Chloride Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Manganese Sulfate, Phylloquinone, Biotin, Sodium Selenate, Vitamin D3, Cyanocobalamin, Potassium Hydroxide, and Nucleotides (Adenosine 5'-Monophosphate, Cytidine 5'-Monophosphate, Disodium Guanosine 5'-Monophosphate, Disodium Uridine 5'-Monophosphate).

**Allergens:** Contains milk and soy ingredients.

**Availability**

| List Number | Item   |
|-------------|--|
| 56177       | Similac Expert Care NeoSure Ready to Feed / 2-fl-oz (59-mL) Bottle / 48 ct   |
| 57430       | Similac Expert Care NeoSure Powder / 13.1-oz (371-g) Can / 6 ct              |
| 57455       | Similac Expert Care NeoSure Ready to Feed / 1-QT (946-mL) Bottle / 6 ct      |
| 59645       | Similac Expert Care NeoSure Ready to Feed / 2-fl-oz (59-mL) Bottle/ 6 x 8 ct |

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## Nutrition Information - Powder Unflavored

|                               | 100 Cal <sup>*</sup> | 1000 mL <sup>*</sup> |
|-------------------------------|----------------------|----------------------|
|                               | Value                | Value                |
| Calories                      | 100                  | 744                  |
| Volume, mL                    | 134                  | 1000                 |
| Protein, g                    | 2.8                  | 20.83                |
| Fat, g                        | 5.5                  | 40.92                |
| Carbohydrate, g               | 10.1                 | 75.1                 |
| Water, g                      | 120                  | 893                  |
| Linoleic Acid, mg             | 750                  | 5579                 |
| Vitamin A, IU                 | 350                  | 2604                 |
| Vitamin D, IU                 | 70                   | 521                  |
| Vitamin E, IU                 | 3.6                  | 26.8                 |
| Vitamin K, mcg                | 11                   | 81.8                 |
| Thiamin (Vitamin B1), mcg     | 175                  | 1302                 |
| Riboflavin (Vitamin B2), mcg  | 150                  | 1116                 |
| Vitamin B6, mcg               | 100                  | 744                  |
| Vitamin B12, mcg              | 0.40                 | 2.98                 |
| Niacin, mcg                   | 1950                 | 14506                |
| Folic Acid (Folacin), mcg     | 25                   | 186                  |
| Pantothenic Acid, mcg         | 800                  | 5951                 |
| Biotin, mcg                   | 9                    | 67.0                 |
| Vitamin C (Ascorbic Acid), mg | 15                   | 112                  |
| Choline, mg                   | 16                   | 119                  |
| Inositol, mg                  | 35                   | 260                  |
| Calcium, mg                   | 105                  | 781                  |
| Calcium, mEq                  | 5.2                  |                      |
| Phosphorus, mg                | 62                   | 461                  |
| Magnesium, mg                 | 9                    | 67.0                 |
| Iron, mg                      | 1.8                  | 13.4                 |
| Zinc, mg                      | 1.2                  | 8.9                  |
| Manganese, mcg                | 10                   | 74                   |
| Copper, mcg                   | 120                  | 893                  |
| Iodine, mcg                   | 15                   | 112                  |
| Selenium, mcg                 | 2.3                  | 17.1                 |
| Sodium, mg                    | 33                   | 245                  |
| Sodium, mEq                   | 1.4                  |                      |
| Potassium, mg                 | 142                  | 1056                 |
| Potassium, mEq                | 3.6                  |                      |
| Chloride, mg                  | 75                   | 558                  |
| Chloride, mEq                 | 2.1                  |                      |

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## Powder Unflavored Footnotes & References

### ***Per 100 Cal\****

\*Nutrient values are applicable when prepared as directed.

### ***Per 1000 mL\****

\*Nutrient values are applicable when prepared as directed.

Preparation

Ready to Feed

Your baby's health depends on carefully following these directions. Ask your baby's doctor if you need to boil (sterilize) bottles, nipples and rings before use. It is important to consult your baby's doctor before changing formula.

2-fl-oz bottle

- 1 Do not use if breakaway ring is missing or broken.
- 1 Do not add water. Ready to feed formula if mixed with water may not provide proper nutrition and repeated use of such feedings could cause illness.
- 1 Shake very well.
- 1 Twist off cap.
- 1 Twist on clean nipple and ring.
  - 1 Since this formula is commercially sterile, use clean hands to attach any clean standard nipple and ring.
- 1 Once feeding begins, use within 1 hour or discard.

1-QT bottle

- 1 Do not use if band around cap or inner foil seal is damaged.
- 1 Do not add water.
- 1 Shake very well before each use.
- 1 Remove protective band, twist off and clean cap.
- 1 Invert cap; press down to pierce foil, then turn cap a half turn.
- 1 Remove foil.
- 1 Pour formula into bottle; attach nipple.
- 1 Once feeding begins, use within 1 hour or discard.
- 1 Prepare and feed all formula from the 1 QT container within 3 days after opening.

Powder

Your baby's health depends on carefully following these directions. Proper hygiene, handling and storage are important when preparing infant formula. Failure to follow these directions could result in severe harm. Ask your baby's doctor if you need to use cooled, boiled water for mixing and if you need to boil (sterilize) bottle, nipple and ring before use.

- 1 Wash your hands, surfaces and utensils.
- 1 Pour desired amount of water into clean bottle (see mixing guide).
- 1 Add 1 unpacked level scoop (9.6 g) to each 2 fl oz of water.
- 1 Return dry scoop to can.
- 1 Cap bottle; shake well; attach nipple.
- 1 Once feeding begins, use within 1 hour or discard.

Powder Mixing Guide

| Measure water | + | Add scoop(s) of <i>unpacked level powder</i> using enclosed scoop | = | Finished bottle (approx) |
|---------------|---|---|---|--------------------------|
| 2 fl oz       |   | 1 scoop (9.6 g)   |   | 2 fl oz                  |
| 4 fl oz       |   | 2 scoops  |   | 4 fl oz                  |
| 6 fl oz       |   | 3 scoops  |   | 6 fl oz                  |
| 8 fl oz       |   | 4 scoops  |   | 8 fl oz                  |

## Storage & Handling

### Ready to Feed

#### 2-fl-oz bottle

- 1 Avoid prolonged exposure of bottles to light.
- 1 Store unopened at room temperature; avoid extreme temperatures.
- 1 **Store in carton until ready for use.**
- 1 Do not reuse this bottle.

#### 1-QT bottle

- 1 Once opened, store quart bottle in refrigerator.
- 1 Once prepared, store bottles in refrigerator and **feed to baby within 48 hours.**
- 1 Store unopened containers at room temperature; avoid extreme temperatures.
- 1 **Use within 3 days after opening.**
- 1 Do not reuse container.

### Powder

- 1 Once mixed, store bottles in refrigerator and **feed to baby within 24 hours.**
- 1 Store unopened or opened container at room temperature; avoid extreme temperatures.
- 1 **Use opened can contents within 1 month.**