

Munchkin® *Infant Formula*

Milk-based powder with iron | 0-12 months | Net wt. 25.8 oz (730 g)



dha



European blend†



Immune support



No corn syrup



No artificial hormones††

Product Overview

Munchkin Formula shares 10 ingredients with breastmilk[†], enhancing easy digestion with a unique blend of fats, proteins, and carbohydrates. Every ingredient in our patented **Nurture 10 Blend** is designed to support your baby’s growth, immunity, and brain development.

More sleep^{†††}

Less crying^{†††}

Softer stools^{†††}

††† Supported by a clinical trial and peer-reviewed, third-party scientific research. Please see page 4 for a list of clinical studies.

Key Features:

- 10 key ingredients found in breastmilk: Alpha-Lactalbumin, Lactoferrin, Beta-Palmitate, Lutein, hexane free-DHA, ARA, Nucleotides, Taurine, L-Carnitine, and Beta-Carotene.
- No corn syrup or artificial growth hormones.
- European-style formulation.



Nutrient Composition (Per 100 Calories / 5 fl. oz.)

Nutrient	Unit	Value Per 100kcal
Protein	g	2.5
Fat	g	5.1
Carbohydrate	g	10.5
Water	g	135
Linoleic Acid	mg	850
Vitamins		
Vitamin A	IU	300
Vitamin D	IU	60
Vitamin E	IU	2
Vitamin K	mcg	9
Thiamine (Vitamin B1)	mcg	80
Riboflavin (Vitamin B2)	mcg	140
Vitamin B5	mcg	60
Vitamin B12	mcg	0.3
Niacin	mcg	1000
Folic Acid (Folacin)	mcg	16
Pantothenic Acid	mcg	600
Biotin	mcg	3
Vitamin C (Ascorbic Acid)	mg	12
Choline	mg	24
Inositol	mg	6
Minerals		
Calcium	mg	78
Phosphorus	mg	43
Magnesium	mg	8
Iron	mg	1.8
Zinc	mg	1
Manganese	mcg	8
Copper	mcg	75
Iodine	mcg	15
Selenium	mcg	2.8
Sodium	mg	27
Potassium	mg	108
Chloride	mg	63

Breastmilk Ingredients and Their Physiological Roles

Alpha-Lactalbumin

Enhances amino acid profile and promotes efficient protein utilization.

Lactoferrin

Supports immune defense through antimicrobial and anti-inflammatory properties.

Beta-Palmitate

Promotes softer stools and calcium absorption; reduces colic symptoms.

Lutein & Beta-Carotene

Natural antioxidants supporting visual and cognitive health.

DHA & ARA

Critical for brain, retinal and nervous system development.

Nucleotides

Support immune function and intestinal development.

L-Carnitine & Taurine

Facilitate fat metabolism and neuromodulator functions.



Preparation & Use

How to Mix Munchkin Infant Formula

For every 2 fl. oz. of water, add 2 unpacked level scoops of powder using the enclosed scoop.

1. Wash hands thoroughly with soap and water before preparing formula.
2. Pour the desired amount of water into the bottle. Add powder as per the ratio above.
3. Cap the bottle and SHAKE WELL.

Store dry scoop in lid. Discard any remaining formula in bottle 1 hour from start of feeding. Prepared, unused bottles of formula can be stored in the refrigerator at 35°–40°F (2°–4°C) for up to 24 hours.

Feeding Guide (Birth to 12 Months)

Approx. Age of Infant	Water (fl. oz.)	Powder (Scoops)	Feeds per 24 hrs
0-1 week	2	2	8-10
1-4 weeks	3	3	6-8
1-3 months	5	5	5-6
3-6 months	6	6	5
6-9 months	7	7	4-5
9-12 months	8	8	3-4

INGREDIENTS:

Nonfat Milk, Lactose, Demineralized Whey, Vegetable Oils [High 2-Palmitic Acid Vegetable Oil* (derived from Palm Stearin, High Oleic Sunflower), Soy, Coconut, High Oleic Sunflower, Sunflower], Whey Protein Concentrate, Alpha-Lactalbumin Whey Protein, Galactooligosaccharides**, less than 1% Fructooligosaccharides**, Mortierella Alpina Oil***, Schizochytrium Sp. Oil****, Calcium Carbonate, Calcium Phosphate, Potassium Citrate, Ferrous Sulfate, Sodium Chloride, Potassium Chloride, Potassium Iodide, Magnesium Chloride, Magnesium Phosphate, Sodium Citrate, Zinc Sulfate, Copper Sulfate, Manganese Sulfate, Sodium Selenite, Soy Lecithin, Mixed Tocopherols, Ascorbyl Palmitate, Choline Bitartrate, Ascorbic Acid, Niacinamide, Calcium Pantothenate, Vitamin A Palmitate, Vitamin B12, Vitamin D3, Riboflavin, Thiamine Hydrochloride, Vitamin B6 Hydrochloride, Folic Acid, Vitamin K1, Biotin, Inositol, Vitamin E Acetate, Nucleotides (Cytidine 5'- Monophosphate, Disodium Uridine 5'- Monophosphate, Adenosine 5'- Monophosphate, Disodium Guanosine 5'- Monophosphate), Beta-Carotene, Lutein, Lactoferrin, Taurine, L-Carnitine. Contains Milk and Soy.

*A source of OPO SN-2 Beta-Palmitate **A type of prebiotic ***A source of arachidonic acid (ARA) ****A source of docosahexaenoic acid (DHA)

† EU 2016/127

‡ Structure and levels differ from those in breastmilk.

†† No significant difference has been shown between rBST and non-rBST-treated cows.

Need more information?

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Clinical Studies^{†††}

^{†††} Based on randomized controlled and mechanistic clinical studies conducted under controlled feeding conditions comparing formulas with specific lipid, protein, and prebiotic compositions to standard cow's-milk-based infant formula. Studies evaluated digestive tolerance and associated outcomes, including crying duration, stool consistency, and sleep-related measures such as sleep duration and latency. Results reflect study conditions only and may not be experienced by all infants.

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3. Bar-Yoseph, F., Lifshitz, Y., & Cohen, T. (2013). Review of sn-2 palmitate oil implications for infant health. *Prostaglandins, Leukotrienes and Essential Fatty Acids*, 82(4-6), 195-197.

4. Bar-Yoseph, F., Lifshitz, Y., Cohen, T., et al. (2017). SN2-Palmitate Improves Crying and Sleep in Infants Fed Formula with Prebiotics: A Double Blind Randomized Clinical Trial. *Clinical Mother and Child Health*, 14②.

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10. Litmanovitz, I., Bar-Yoseph, F., Lifshitz, Y., et al. (2014). Reduced crying in term infants fed high beta-palmitate formula: a double-blind randomized clinical trial. *BMC Pediatrics*, 14, 1-6.

11. Nowacki, J., Lee, H-C., Lien, R., et al. (2014). Stool fatty acid soaps, stool consistency and gastrointestinal tolerance in term infants fed infant formulas containing high sn-2 palmitate with or without oligofructose: a double-blind, randomized clinical trial. *Nutrition Journal*, 13, 105.

12. Savino F, Palumeri E, Castagno E, Cresi F, Dalmasso P, Cavallo F and Oggero R (2006). "Reduction of crying episodes owing to infantile colic: a randomized controlled study on the efficacy of a new infant formula" *European Journal of Clinical Nutrition* 60:1304-1310.

13. Yaron, S., Shachar, D., Abramas, L., et al. (2013). Effect of high β -palmitate content in infant formula on the intestinal microbiota of term infants. *Journal of Pediatric Gastroenterology and Nutrition*, 56⑦, 376-381.