

Peanut formula

SQ-LNS

Small Quantity - Lipid-based Nutrient Supplement

Recommended by *The Lancet* Series on Maternal and Child Undernutrition, 2021.

PRODUCT CONCEPT AND TARGET POPULATION

The first 1,000 days of a child's life, from conception to the age of 2 years old, is a critical period during which adequate nutrient intake is essential. Fortifying complementary food with Enov'Nutributter+, from 6 months old, contributes significantly to ensuring an adequate nutritional intake.

Enov'Nutributter+ is a "Small Quantity - Lipid-based Nutrient Supplement" (SQ-LNS).

It was designed for the prevention of undernutrition in children aged from 6 to 23 months.

It is recommended in contexts where vulnerable populations are likely to have nutrient gaps in their diets and multiple micronutrient deficiencies^{1,2}; e.g.:

- areas and contexts with a high rate of child nutritional vulnerability, including stunting, wasting, micronutrient deficiencies, food insecurity, poor complementary feeding indicators (MDD and MAD*), and poor growth and development outcomes;
- areas and contexts where there is limited access to nutritious food.

Enov'Nutributter+ is a supplement to the usual diet. It is not designed to replace breastfeeding or a varied and nutritious complementary diet.

*MDD: Minimum Dietary Diversity; MAD: Minimum Acceptable Diet



SCIENTIFIC EVIDENCE

SQ-LNS have been tested in a variety of contexts in low and middle-income countries in Africa, South Asia and Latin America showing good acceptability.

Meta-analyses³ have shown, in children aged from 6 to 23 months receiving SQ-LNS**, together with complementary food, a reduction in the prevalence of:



**One sachet per day for children aged from 6 to 23 months

***Reduction in the risk of all-cause mortality

This scientific evidence has led the prestigious journal *The Lancet* in its latest Series on Maternal and Child Undernutrition (2021) to add supplementation with SQ-LNS, such as Enov'Nutributter+, to the list of interventions that should be scaled up for the prevention of child malnutrition^{3,4}.

Studies also showed that SQ-LNS:

- **increase fat-free mass** in children aged from 9 to 18 months without increasing fat mass deposits thus limiting the risk of excess adiposity⁵;
- **do not disturb breastfeeding or complementary feeding**⁶.

RECOMMENDATIONS FOR USE



Use

Handwashing and kneading the sachet are recommended before use.

Enov'Nutributter+ does not require any preparation or dilution before use.

The content of the sachet can be eaten preferably with a portion of the child's complementary food, or directly from the sachet.

Where eaten with the child's complementary food: cook the child's food and allow it to cool a little; knead the sachet and open it by tearing off one corner; mix the content of the sachet with a small portion of the child's food; feed the child with this small portion first to ensure that the content of the sachet is consumed correctly; then feed the child with the rest of the food.

Enov'Nutributter+ should not be added to the food during the cooking process.

The product should be consumed within 2 hours of mixing with the child's complementary food.

Once opened, the sachet should be consumed within 24 hours and kept tightly closed after each use.

Children receiving Enov'Nutributter+ should continue to be breastfed and to receive their usual complementary food.

Consultation with a health worker is recommended for assessing child's development needs.

Recommended dosage

One sachet (20 g) / day / child.

In malaria endemic areas, it is recommended to split the 20 g dose into several intakes throughout the day (e.g., 10 g in the morning and 10 g in the evening), in order to avoid providing an excessive dose of iron in a single intake.

Enov'Nutributter+ is not a substitute for a varied and nutritious diet.

Should not be given to children who are allergic to peanuts or dairy products.



Should be consumed in addition to complementary food and breastmilk, and is not to be shared with other members of the family.

It is strongly recommended to start breastfeeding immediately after birth, exclusively breastfeed during the first 6 months and continue until at least 24 months.

COMPOSITION

Enov'Nutributter+ is a paste of light brown to orange-brown color, with a typical flavor and odor of peanuts and milk.

Ingredients: vegetable oils (palm and flaxseed in varying proportions), skimmed **milk** powder, **peanuts**, sugar, maltodextrin, premix of vitamins and minerals (tricalcium phosphate, dipotassium phosphate, magnesium sulfate, potassium chloride, maltodextrin, calcium ascorbate, zinc sulfate, sodium iron EDTA, vitamin E, iron sulfate, vitamin A acetate, niacinamide, manganese sulfate, vitamin D3, calcium D-pantothenate, copper gluconate, biotin, vitamin K1, thiamine hydrochloride, vitamin B12, riboflavin, pyridoxine hydrochloride, potassium iodide, folic acid, sodium selenite), fully hydrogenated vegetable oil (palm).

Allergens: See ingredients in **bold**. May contain traces of **soy**.

Does not contain any genetically modified organisms (GMOs).

NUTRITIONAL INFORMATION

	Unit	Per 100 g of Enov'Nutributter+			Per 20 g of Enov'Nutributter+ (recommended daily dose)	Unit	Per 100 g of Enov'Nutributter+			Per 20 g of Enov'Nutributter+ (recommended daily dose)	
		Min.	Max.	Average	Average		Min.	Max.	Average	Average	
Energy	kJ	2 301	2 594	2 370	474	Folate	µg DFE	667	1 044	751	150
Energy	kcal	550	620	566	113	Vitamin B12	µg	2.5	4.2	3.4	0.7
Fats	g	40	53	43	8.5	Vitamin C	mg	75	169	84	17
of which saturates	g	-	-	15.4	3.1	Vitamin D	µg	25	52	28	5.6
of which n-3	g	2.5	4.0	3.22	0.64	Vitamin E	mg α-TE	20	47	26	5.1
of which n-6	g	4.0	15	5.9	1.2	Vitamin K	µg	150	323	171	34
Carbohydrates	g	-	-	30	5.9	Calcium (Ca)	mg	1 400	1 960	1 599	320
of which sugars	g	-	-	21	4.3	Copper (Cu)	mg	1.70	2.20	2.00	0.40
Proteins	g	12	16	15	3.0	Iodine (I)	µg	450	742	558	112
Sodium (Na)	mg	-	270	132	26	Iron (Fe)	mg	30	42	34	6.8
Vitamin A	µg RE	2 000	3 390	2 252	450	Magnesium (Mg)	mg	200	280	235	47
Thiamin	mg	1.5	3.8	1.7	0.3	Manganese (Mn)	mg	6.0	9.0	6.8	1.4
Riboflavin	mg	2.0	3.0	2.6	0.5	Phosphorus (P)	mg	982	1 375	1 133	227
Niacin	mg	20	29	25	5.0	Potassium (K)	mg	1 000	1 400	1 200	240
Pantothenic acid	mg	9.0	14	11	2.3	Selenium (Se)	µg	100	160	129	26
Vitamin B6	mg	1.5	2.3	1.8	0.4	Zinc (Zn)	mg	40	56	45	9.1
Biotin	µg	45	65	61	12.1						

QUALITY STANDARD

Enov'Nutributter+ is manufactured in a "FSSC 22000, Food Safety System Certification" certified factory and in accordance with the applicable texts of the *Codex Alimentarius* (General Principles of Food Hygiene CXC 1-1969; Code of Hygienic Practice for Low-Moisture Foods CXC 75-2015).

LOGISTICAL INFORMATION

Shelf life

Best before **24 months** after the manufacturing date.

Storage

It is recommended to store Enov'Nutributter+ below 30 °C (86 °F), in a dry place and in hygienic conditions, away from direct sunlight.

It is recommended not to stack the pallets.

In order to maintain the sachets intact, it is recommended:

- not to open the cartons with a knife;
- not to walk on the cartons.



Packaging

Product	Carton (sales unit)				Pallet*			
	Packaging type	Number of sachets / carton	Net weight / carton	Estimated gross weight / carton	Exterior dimensions / carton	Number of: cartons per layer / cartons per pallet	Net weight / pallet	Est. gross weight / pallet (with pallet)
20 g sachet	600	12.00 kg	13.2 kg	395 x 285 x 195 mm	10 / 70	840.00 kg	942 kg	100 x 120 x 153 cm

*The loading plan can be adapted in relation to transport constraints or in order to optimize the loading of the containers.

PROGRAMMING INFORMATION

A carton of Enov'Nutributter+ provides nutritional support for 3 children for 6.5 months (6 months being the minimum recommended length of time to have an effect on a child's growth). This estimation is provided to help stock management.

LOCAL PRODUCTION

Since 2005, the Nutriset Group has developed a worldwide network of local producers, the PlumpyField® network, in order to facilitate access to and the availability of quality-controlled nutritional products in areas with a high prevalence of malnutrition. Its members manufacture and distribute products of the Nutriset range to the same quality standards and nutritional specifications.



PlumpyField network members

Edesia USA info@edesianutrition.org	Meds & Food For Kids Haiti info@mfkhaiti.org	Nutrivita Foods India info@nutrivita.in
Hilina Enriched Foods Ethiopia info@hilinafoodseth.com	Nutri K Nigeria contact@nutrik.com	Samil Industrial Free Zone Egypt info@samilindustrial.com
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