

ZeroVIL Infant Mix LCP

Free of Valine (Val), Isoleucine (I) and Leucine (Leu).
Up to 12 months.



General description:

ZeroVIL Infant Mix LCP is a protein supplement free of Valine (Val), Isoleucine (I) and Leucine (Leu) for the nutritional management of disorders in the metabolism of branched chain amino acids, such as Maple Syrup Urine Disease (MSUD). ZeroVIL Infant Mix LCP is a powdered amino acid formula for feeding bottle or baby food preparation. It was designed to be a starting milk, for infants between 0 to 1 year of age. It contains carbohydrates (mostly lactose), minerals, vitamins, fat, LC-PUFA lipids (like in human breast milk), purified L-amino acids and micronutrients in adequate amounts. It also contains docosahexaenoic acid (DHA).



Presentation and Protein Equivalent (PE):

Tin with 500 g of powder, with a measuring spoon (3.7 g). 15 g of product (approx. 4 scoops) correspond to 1.65 g of PE. This tin contains approx. 33 portions of 15 g.



Important information:

ZeroVIL Infant Mix LCP must only be used under medical supervision. It contains easily digestible carbohydrates. Not for use as a sole source of nutrition. For enteral use only.



Dosage and Administration:

The daily total amount depends on age, body weight and individual medical condition, and should be determined by a medical specialist. ZeroVIL Infant Mix LCP should be administered together with a calculated amount of breast milk, other milk-based foods or with other infant formulas suitable for the nutritional management of MSUD. The daily quantity of the protein supplement is split into 3 - 5 single portions and fed as a bottle feed or pap. The diet must be supplemented with energy, natural protein and other nutrients in prescribed quantities.



Preparation:






Standard dilution (15%) - Add 4 formula measures (4 measuring spoons of product correspond to 15 g of product) to 90 ml of water at 40 °C in order to obtain a 100 ml ready to feed formula. Shake well, check temperature and consume immediately.

ZeroVIL Infant Mix LCP mixed with water prepares a food free of Val, I and Leu, which can be consumed in liquid form in feeding bottle. To prepare baby food with low Val, I and Leu content for infants, ZeroVIL Infant Mix LCP must be mixed with carbohydrates and fruits, in a proportion determined by the doctor or nutritionist. In case of prolonged use, supplementation with natural foods (for example, milk and baby milk-based foods) is necessary.



Storage:

Keep it in a cool, dry place. Close the lid tightly after use. Once opened, consume within 4 weeks.

Product	Treatment of 	Presentation and PE 	Age 	Preparation 
ZeroVIL Infant Mix LCP	MSUD 	AA formula in powder form, 500 g. 15 g \equiv 1.65 g PE	0 – 1 years old	4 spoons in 90 ml of water at 40 °C

ZeroVIL Infant Mix LCP

Free of Valine (Val), Isoleucine (I) and Leucine (Leu).
Up to 12 months.



Nutrition Information:

Nutrition Information

Nutrients	Units	Powder - 100 g	Standard Dilution (15%) – 100 ml
Energy	kJ	2122	318
	kcal	507	76
Fat	g	28	4
	of which saturates	g	0.8
	mono-unsaturates	g	1.6
	polyunsaturates	g	1.7
Carbohydrate	g	54	8
	of which sugars	g	3.6
	starch	g	1.2
Fibre	g	0	0
Protein	g	11	1.6
Salt	g	0.6	0.1
Vitamins			
Vitamin A	µg	570	86
Vitamin D3	µg	7	1
Vitamin E	mg	5	0.7
Vitamin K1	µg	24	3.6
Vitamin C	mg	58	9
Thiamin (Vit. B1)	mg	0.5	0.07
Riboflavin (Vit. B2)	mg	0.5	0.08
Niacin	mg	6	0.9
Vitamin B6	mg	0.5	0.08
Folic acid	µg	51	8
Vitamin B12	µg	1.3	0.2
Biotin	µg	14	2
Pantothenic acid	mg	4	0.6
Minerals			
Sodium	mg	260	39
Potassium	mg	500	75
Chloride	mg	380	57
Calcium	mg	500	75
Phosphorus	mg	335	50
Magnesium	mg	52	8



Trace elements

Iron	mg	6	1
Zinc	mg	5	0.8
Copper	mg	0.36	0.05
Manganese	mg	0.4	0.06
Fluoride	mg	0.13	0.02
Selenium	µg	13	2
Chromium	µg	26	4
Molybdenum	µg	26	4
Iodine	µg	46	7

Further nutritional information

Lactose	g	24	3.5
Maltodextrin	g	22	3
DHA	mg	112	17
L-Carnitine	mg	11	1.6
Taurine	mg	39	6
Choline	mg	77	12
myo-Inositol	mg	51	8

Amino acids

(conversion: 1 g of protein corresponds to 1.2 g of amino acids)			
L-Alanine	g	0.7	0.10
L-Arginine	g	0.9	0.14
L-Aspartic acid	g	1.4	0.21
L-Cystine	g	0.45	0.07
L-Glutamic acid	g	2	0.32
Glycine	g	0.8	0.12
L-Histidine	g	0.6	0.09
L-Isoleucine	g	0	0
L-Leucine	g	0	0
L-Lysine	g	1.2	0.18
L-Methionine	g	0.36	0.05
L-Phenylalanine	g	0.7	0.11
L-Proline	g	1	0.17
L-Serine	g	0.7	0.11
L-Threonine	g	0.9	0.13
L-Tryptophan	g	0.3	0.05
L-Tyrosine	g	0.8	0.12
L-Valine	g	0	0