

ZeroVIL Junior

Free of Valine (Val), Isoleucine (I) and Leucine (Leu).
From 7 to 14 years of age.



General description:

ZeroVIL Junior 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 Junior is a powdered amino acid formula with neutral flavour, supplemented with vitamins, minerals, and all essential micronutrients in adequate amounts. Suitable for children from 7 to 14 years of age. Low calorie content - no carbohydrates and no fat.



Presentation and Protein Equivalent (PE):

Tin with 500 g of powder, containing approx. 37 portions of 13,3 g. The measuring spoon provided allows you to measure approx. 10 g of powder. 100 g of product correspond to 75 g PE (13.3 g correspond to 10 g PE).



Important information:

ZeroVIL Junior must only be used under medical supervision. 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. The daily quantity of the protein supplement should be taken in 3 - 5 single portions. The daily dose of amino acid mixture may consist either exclusively of ZeroVIL Junior or of a combination of other products suitable for the nutritional management of disorders in the metabolism of branched chain amino acids, such as Maple Syrup Urine Disease (MSUD). The diet must be supplemented with energy, natural protein and other nutrients in prescribed quantities.



Preparation:

Dissolve 1/3 of the calculated daily amount of ZeroVIL Junior in approximately 100-150 ml of water or in suitable drink (consider the amino acid content of the drink or juice). Use a shaker to facilitate the dissolution process. Shake well and consume immediately. (Note: 13.3 g of ZeroVIL Junior correspond to 10 g PE. Preferably, weigh the necessary powder for the preparation of ZeroVIL Junior)



Storage:

Keep it in a cool, dry place. Close the lid tightly after use. Once opened, consume within 6 weeks.

Product



ZeroVIL Junior

Treatment of



MSUD

Presentation and PE



AA formula in powder form, 500 g. 100 g of product \equiv 75 g PE (13.3 g of product \equiv 10 g PE)

Age



7 - 14 years of age

Preparation



1/3 of the daily amount of ZeroVIL Junior in approx. 100-150 ml of water or in suitable drink - shaker

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Nutrition Information:

Nutrition Information

Nutrients	Units	Powder - 100 g	Powder – 13.3 g (10 g PE)
Energy			
	kJ	1275	170
	kcal	300	40
Fat			
	g	0	0
of which saturates	g	0	0
Carbohydrate			
	g	0	0
of which sugars	g	0	0
Fibre			
	g	0	0
Protein			
	g	75	10
Salt			
	g	0	0
Vitamins			
Vitamin A	µg	880	117
Vitamin D3	µg	23	3
Vitamin E	mg	20	2.7
Vitamin K1	µg	75	10
Vitamin C	mg	100	13
Thiamin (Vit. B1)	mg	2.6	0.35
Riboflavin (Vit. B2)	mg	3	0.4
Niacin	mg	33	4
Vitamin B6	mg	3.4	0.45
Folic acid	µg	302	40
Vitamin B12	µg	7	0.9
Biotin	µg	300	40
Pantothenic acid	mg	14	2
Minerals			
Potassium	mg	1875	250
Calcium	mg	1800	240
Phosphorus	mg	1001	133
Magnesium	mg	405	54



Trace elements

Iron	mg	27	3.6
Zinc	mg	27	3.6
Copper	mg	3	0.4
Manganese	mg	6	0.8
Fluoride	mg	1.1	0.15
Selenium	µg	90	12
Chromium	µg	150	20
Molybdenum	µg	113	15
Iodine	µg	338	45

Further nutritional information

Carnitine	mg	68	9
Choline	mg	300	40
myo-Inositol	mg	353	47
Taurine	mg	75	10
Amino acids	g	90	12

(conversion: 1 g of protein corresponds to 1.2 g of amino acids)

L-Alanine	g	6.2	0.8
L-Arginine	g	5.3	0.7
L-Aspartic acid	g	13.3	1.8
L-Cystine	g	3.4	0.5
L-Glutamine	g	4.4	0.6
L-Glutamic acid	g	7.9	1.0
Glycine	g	6.6	0.9
L-Histidine	g	2.6	0.4
L-Isoleucine	g	0	0
L-Leucine	g	0	0
L-Lysine	g	6.0	0.8
L-Methionine	g	2.0	0.3
L-Phenylalanine	g	3.9	0.5
L-Proline	g	10.5	1.4
L-Serine	g	6.8	0.9
L-Threonine	g	4.9	0.7
L-Tryptophan	g	1.9	0.3
L-Tyrosine	g	4.5	0.6
L-Valine	g	0	0

