

Product Information

– for professionals only –



ZeroVIL smart A

In Short

- ZeroVIL smart A is a Food for Special Medical Purposes (FSMP) for use in the dietary management of disorders in metabolism of branched chain amino acids, e.g. Maple Syrup Urine Disease (MSUD)
- from 15 years of age onwards
- highly concentrated powdered protein supplement free of Valine, Isoleucine and Leucine (VIL)
- low in calories: small amount of carbohydrate – no fat
- flexible in preparation – different concentrations possible
- light and neutral in taste
- highly purified L-amino acids
- micronutrients in balanced, age-based amounts
- in convenient portion sachets at 20 g protein equivalent

Product Profile

ZeroVIL smart A is a highly concentrated powdered mixture of highly purified L-amino acids free of Valine, Isoleucine and Leucine (VIL).

ZeroVIL smart A contains a small amount of carbohydrate. Thus the energy intake from ZeroVIL smart A is conveniently low. There are different options for preparation. They facilitate the intake and improve compliance.

ZeroVIL smart A is light and neutral in taste.

ZeroVIL smart A is supplemented with vitamins, minerals and trace elements in balanced amounts.

Suitable from 15 years of age onwards.

Administration

ZeroVIL smart A should always be taken along with calculated quantities of other foods.

Preparation

ZeroVIL smart A is flexible in preparation. See box „Preparation“.

Tip: ZeroVIL smart A taken in apple juice tastes especially delicious!

But may also be prepared with other juices or soft drinks. Be careful when mixing with carbonated drinks in a shaker.

Notice: We recommend to drink a glass of water or other beverage directly after taking ZeroVIL smart A in one of the concentrations XS, S or M. Always prepare freshly!

Function ZeroVIL smart A substitutes that part of the protein in the diet which may not be taken up from natural food sources.

Indication ZeroVIL smart A is a food for special medical purposes and as protein supplement suitable for the dietary management of disorders in metabolism of branched chain amino acids, e.g. Maple Syrup Urine Disease (MSUD).

Dosage The daily total amount of amino acid mixture depends on age, body weight and individual medical condition/protein tolerance and should be re-examined and adjusted in accordance with the results of regular monitoring.

The daily dosage of amino acid mixture should at best be divided into 3–5 single portions.

ZeroVIL smart A can be combined with other products from the ZeroVIL-system. The diet must be supplemented with

Amino acids ZeroVIL smart A		100 g	29 g/ 1 sachet
L-Alanine	g	5,8	1,7
L-Arginine	g	5,2	1,5
L-Aspartic acid	g	12,2	3,6
L-Cystine	g	2,1	0,6
L-Glutamine	g	8	2,3
L-Glutamic acid	g	4,4	1,3
Glycine	g	7,1	2,1
L-Histidine	g	2,4	0,7
L-Isoleucine	g	–	–
L-Leucine	g	–	–
L-Lysine	g	5,4	1,6
L-Methionine	g	1,9	0,5
L-Phenylalanine	g	3,7	1,1
L-Proline	g	9,0	2,6
L-Serine	g	5,6	1,6
L-Threonine	g	4,5	1,3
L-Tryptophan	g	1,9	0,5
L-Tyrosine	g	4,7	1,4
L-Valine	g	–	–

energy, natural protein and other nutrients in prescribed quantities.

Important Notice Must only be used under medical supervision. Not for use as a sole source of nutrition. For enteral use only. Only for people with proven disorders in metabolism of branched chain amino acids, e.g. Maple Syrup Urine Disease (MSUD). Suitable from 15 years of age.

Preparation

	Size	Product	Amount	Water
✓ Gel	XS > stir – eat with a spoon	ZeroVIL smart A	1 sachet or 29 g	+ 25 ml
✓ Drink	S > stir – eat with a spoon or drink	ZeroVIL smart A	1 sachet or 29 g	+ 50 ml
✓ Shake	M > shake – ready to drink	ZeroVIL smart A	1 sachet or 29 g	+ 75 ml
✓ Shake	L oder XL > shake – ready to drink	ZeroVIL smart A	1 sachet or 29 g	+ 150 ml

NUTRITION INFORMATION

ZeroVIL smart A

100 g 29 g /
1 Sachet

Energy			
	kJ	1358	394
	kcal	320	93
Fat	g	<0,1	<0,001
of which saturates	g	<0,01	<0,001
Carbohydrate	g	9	2,5
of which sugars	g	0,1	0,1
Protein eqv.	g	70	20
Amino acids	g	84	24
Salt	g	0	0

Vitamins

g protein

Vitamin A	µg	1087	315	16
Vitamin D3	µg	8	2,4	0,12
Vitamin E	mg	17	5	0,25
Vitamin K1	µg	77	22	1
Vitamin C	mg	91	26	1,3
Thiamin (Vit. B1)	mg	1,7	0,5	0,025
Riboflavin (Vit. B2)	mg	2	0,6	0,03
Niacin	mg	28	8	0,4
Vitamin B6	mg	2	0,6	0,03
Folic acid	µg	630	183	9
Vitamin B12	µg	6	2	0,09
Biotin	µg	175	51	2,5
Pantothenic acid	mg	11	3	0,16

Minerals

Potassium	mg	1050	305	15
Calcium	mg	1078	313	15
Phosphorus	mg	713	207	10
Magnesium	mg	350	102	5

Trace elements

Iron	mg	21	6	0,3
Zinc	mg	18	5	0,26
Copper	mg	1,7	0,5	0,025
Manganese	mg	5	1,4	0,07
Selenium	µg	51	15	0,7
Chromium	µg	70	20	1
Molybdenum	µg	105	30	1,5
Iodine	µg	245	71	3,5

FURTHER NUTRITION INFORMATION

L-Carnitine	mg	49	14	0,7
Choline	mg	175	51	2,5
myo-Inositol	mg	105	30	1,5

INGREDIENTS

L-lysine-L-aspartate, L-arginine-L-aspartate, L-proline, L-glutamine, glycine, L-alanine, L-serine, potassium-L-glutamate, L-tyrosine, L-threonine, magnesium-L-aspartate, maltodextrin, L-phenylalanine, calcium phosphate, thickener: distarch phosphate, N-acetyl-L-methionine, L-histidine, L-cystine, L-tryptophan, sweetener: sucralose, stabilizer: guar gum, emulsifier: sunflower lecithin, acid: citric acid, choline, L-carnitine, vitamin E, vitamin A, sodium molybdate, folic acid, inositol, niacin, ferrous sulphate, sodium selenite, vitamin C, zinc sulphate, pantothenic acid, vitamin K, manganese sulphate, chromium (III) chloride, vitamin B2, vitamin B1, vitamin B6, potassium iodide, cupric sulphate, biotin, vitamin D, vitamin B12.

Delivery Unit	box, sachets (sa) 1 x 20 sa at 29 g = 580 g	box, sachets (sa) 4 x 20 sa at 29 g = 2320 g
Article Number <i>neutral</i>	xx-001-30637	xx-001-30638
Delivery to	Pharmacies, clinics	
Storage	Store in a cool, dry place.	