

comida
MSUD B FORMULA

For the Dietary Management of disorders in branched chain amino acid metabolism in
CHILDREN OVER 1 YEAR OF AGE, ADOLESCENTS AND ADULTS

- Leucine, isoleucine and valine free amino acid mixture
- Supplemented with vitamins, minerals and trace elements
- Provides energy from fat and carbohydrates
- Easy to prepare

DESCRIPTION

comida-MSUD B formula is an isoleucine, leucine and valine free protein supplement for the dietary management of disorders in branched chain amino acid metabolism in children over 1 year of age, adolescents and adults.

comida-MSUD B formula contains fat and carbohydrates and is supplemented with vitamins, minerals and trace elements.

INDICATIONS

For the dietary treatment in children over 1 year of age, adolescents and adults with disorders in metabolism of branched chain amino acids, such as Maple Syrup Urine Disease (MSUD).

RECOMMENDED USE

The daily amount of comida-MSUD B formula needed depends on age, body weight and individual metabolic condition.

The dose of comida-MSUD B formula is to be monitored and adjusted by the physician regularly.

The daily amount required should be divided into 3 to 5 single portions and should be taken mixed also with food or beverages allowed in calculated amounts.



Preparation table:

Drinking volume	Water	comida-MSUD B formula		Protein content
ml	ml	g	= No. of scoops*	= g Protein equivalent
50	45	7,5	1	2,3
100	90	15	2	4,7
200	180	30	4	9,3

* standard dilution: 15,0 g in 90 ml water

IMPORTANT NOTICE:

- Not suitable as sole source of nutrition
- Must be used under medical supervision
- Not to be used by individuals without disorders in branched chain amino acid metabolism
- For children over 1 year of age, adolescents and adults with disorders in branched chain amino acid metabolism
- Not suitable for parenteral use

comida-MSUD B formula is free from any preserving agent, colourings or sweeteners



produced in
GERMANY

Food for Special
Medical Purposes

comida

MSUD **B** FORMULA



Ingredients: Maltodextrin, Vegetable oils (Palm oil, rapeseed oil, Palm kernel oil, sunflower oil), L-Lysine-L-Aspartate, L-Glutamine, Potassium-L-Glutamate, L-Proline, L-Arginine-L-Aspartate, L-Serine, L-Threonine, L-Lysine-L-Glutamate, L-Alanine, tri-Calcium phosphate, L-Phenylalanine, L-Tyrosine, L-Cystine, L-Histidine, Emulsifier E 472c, di-Calcium phosphate, L-Tryptophan, Choline bitartrate, Glycine, L-Methionine, Sodium chloride, Magnesium carbonate, Vitamins (A, D, E, K, C, B1, B2, Niacin, B6, Folic acid, Pantothenic acid, B12, Biotin), Inositol, L-Carnitine-L-Tartrate, Vanillin, Taurine, Iron-II-sulfate, Zinc sulfate, Potassium chloride, Manganese sulfate, Emulsifier lecithine, Antioxidants Tocopherol-rich extract and Ascorbyl palmitate, Copper sulfate, Sodium fluoride, Sodium molybdate, Potassium iodide, Chromium-III-chloride, Sodium selenite. May contain traces of milk.

Nutrition facts		per 100 g	per 100 ml*
Energy	kJ / kcal	1756/418	263 / 63
Fat (of which)	g	15	2,2
saturated fatty acids	g	6,1	0,9
monounsaturated fatty acids	g	6,8	1,0
polyunsaturated fatty acids	g	2,0	0,30
linoleic acid	g	1,7	0,25
α-Linolenic acid	g	0,3	0,04
Carbohydrates	g	39	5,9
of which Sugar	g	2,8	0,4
Maltodextrin	g	37	5,5
Protein equivalent **	g	31	4,7
Salt	g	0,74	0,11
Amino acids	g	37	5,6
L-Alanine	g	2,1	0,32
L-Arginine	g	1,7	0,26
L-Aspartic acid	g	3,6	0,54
L-Cystine	g	1,1	0,17
L-Glutamic acid	g	4,2	0,63
L-Glutamine	g	4,5	0,67
Glycine	g	0,91	0,14
L-Histidine	g	1,1	0,17
L-Lysine	g	3,4	0,51
L-Methionine	g	0,82	0,12
L-Phenylalanine	g	1,8	0,27
L-Proline	g	4,3	0,65
L-Serine	g	2,6	0,39
L-Threonine	g	2,3	0,34
L-Tryptophan	g	1,0	0,15
L-Tyrosine	g	1,8	0,27

Minerals		per 100 g	per 100 ml*
Sodium	mg	296	45
Potassium	mg	872	131
Chloride	mg	463	69,5
Calcium	mg	1040	156
Phosphorus	mg	613	92,0
Magnesium	mg	151	22,7
Iron	mg	15	2,2
Trace elements			
Zinc	mg	9,3	1,4
Copper	µg	1088	163
Iodine	µg	156	23,3
Chromium	µg	31	4,7
Fluoride	µg	187	28
Manganese	µg	2177	327
Molybdenum	µg	83	12
Selenium	µg	37	5,6
Vitamins			
Vitamin A (RE)	µg	623	93,5
Vitamin D	µg	9,3	1,4
Vitamin E (α-Tocopherol)	mg	11	1,6
Vitamin K	µg	34	5,1
Vitamin C	mg	84	13
Vitamin B1	µg	1028	154
Vitamin B2	µg	1402	210
Niacin	mg	14	2,1
Vitamin B6	µg	935	140
Folate (DFE)	µg	260	38,9
Pantothenic acid	mg	8,3	1,2
Vitamin B12	µg	1,9	0,28
Biotin	µg	31	4,7
L-Carnitine	mg	78	12
Choline	mg	404	61
Inositol	mg	140	21
Taurine	mg	78	12

* 15,0 g in 90 ml water ** Conversion: 1 g Protein = 1,2 g Amino acids = 17 kJ = 4 kcal