

MAPLE SYRUP URINE DISEASE

/

PRODUCT DATA SHEET

BIOACTIVA

MSUD

FORMULA

Isoleucine-, leucine- and valine-free amino acid mixture

NET WEIGHT

500 g

PRODUCT CODE

200209

EAN

4270005253749



2

STAGE

1+

YEARS

DESCRIPTION

Bioactiva MSUD Formula Stage 2 is an isoleucine-, leucine- and valine-free amino acid mixture. It contains carbohydrates and a vegetable fat blend with long-chain polyunsaturated fatty acids (LC-PUFA), as well as minerals, trace elements, vitamins, nucleotides and prebiotics.

MAIN FEATURES

- ✓ Amino acid-based — free from isoleucine, leucine & valine
- ✓ LCPs including DHA & ARA for brain and eye development
- ✓ Suitable for toddlers and children over 1 year
- ✓ Balanced taste profile
- ✓ FOS prebiotics for gut comfort
- ✓ Supplemented with vitamins, minerals and trace elements

INDICATION

For the dietary management of Maple Syrup Urine Disease (MSUD) in toddlers and children over 1 year of age.

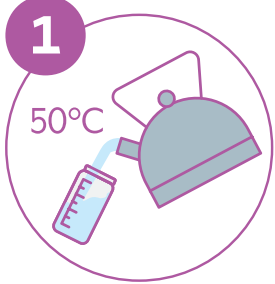
WARNINGS

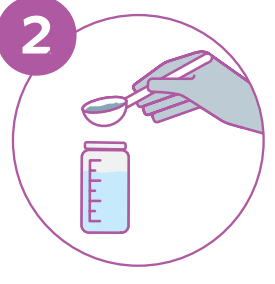
- ✓ Not suitable as the sole source of nutrition.
- ✓ Use only under medical supervision.
- ✓ Do not use in individuals who do not have maple syrup urine disease (MSUD).
- ✓ For toddlers and children over 1 year of age with Maple Syrup Urine Disease (MSUD).
- ✓ Not suitable for parenteral use.
- ✓ Do not use in individuals with lactose intolerance.

Recommended Dosage:

- The dosage depends on age, body weight and the individual metabolic condition. The dosage of Bioactiva MSUD Formula Stage 2 must be regularly monitored and adjusted by a physician.

PREPARATIONS

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Pour the required amount of boiled water (cooled to 50 °C) into a bottle.
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Add the measured amount of product.
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Close the bottle and shake until the powder has completely dissolved.

NOTES

- Any formula remaining in the bottle after one hour of feeding must be discarded. The formula must not be reheated.
- The powdered product is not sterile.
- Pay attention to your child's dental health, especially before bedtime.

Important.

- Bioactiva MSUD Stage 2 is a Food for Special Medical Purposes and must be used under medical supervision.
- Store in a cool, dry place. Always replace the lid after use. Once opened, use within 1 month. Packaged under protective atmosphere.

DIRECTIONS FOR USE

The required daily amount of Bioactiva MSUD Formula Stage 2 should be divided into 3 to 5 individual portions, prepared with water according to the instructions, and taken together with calculated amounts of other foods. The diet must contain sufficient amounts of energy, essential fatty acids and amino acids to meet daily requirements.

FOR REFERENCES ONLY

DRINKING AMOUNT (ML)	BOILED, COOLED WATER (ML)	MSUD FORMULA STAGE 2 — MEASURING SCOOPS	PRODUCT AMOUNT (G)	PROTEIN EQUIVALENT (G)
35	30	1	6	1.7
100	90	3	18	5.2
200	180	6	36	10.4

One scoop corresponds to approximately 6 g. The fill level may vary for technical reasons. This table is for guidance only. Feed your child according to their individual needs or as recommended by a physician.

INGREDIENTS

Maltodextrin, lactose (milk), vegetable oil (coconut oil, high-oleic sunflower oil, sunflower oil, rapeseed oil, fungal oil), L-glutamic acid, lysine L-aspartate, L-glutamine, L-proline, L-alanine, tricalcium phosphate, L-threonine, L-tyrosine, L-phenylalanine, L-serine, L-arginine, L-cystine, glucose syrup, tripotassium citrate, glycine, L-histidine, fructo-oligosaccharides, L-lysine, sodium dihydrogen phosphate, L-methionine, L-tryptophan, fish oil, citric acid esters of mono- and diglycerides of fatty acids (E472c), choline bitartrate, magnesium hydroxide carbonate, sodium octenyl succinate starch (E1450), sodium chloride, antioxidants — sunflower lecithin, ascorbyl palmitate (E304), sodium ascorbate (E301) — vitamins C, E, niacin, pantothenic acid, B2, B6, A, B1, folic acid, K1, biotin, D, B12, inositol, taurine, L-carnitine tartrate, iron(II) sulfate, zinc sulfate, tocopherol-rich extract (E306), manganese sulfate, copper(II) sulfate, potassium iodide, sodium selenite, sodium molybdate, chromium(III) chloride.

NUTRITIONAL INFORMATION

18 g in 90 ml water — 18% w/v. 1 g protein = 1.2 g amino acids = 17 kJ = 4 kcal

MACRONUTRIENTS	per 100 g	per 100 ml
Energy	1,713 kJ / 410 kcal	308 kJ / 74 kcal
Fat	14 g	3 g
Saturates	5.6 g	1 g
Monounsaturates	4.5 g	0.8 g
Polyunsaturates	3.6 g	0.6 g
Linoleic Acid (LA)	2,134 mg	384 mg
α-Linolenic Acid (ALA)	186 mg	33 mg
Arachidonic Acid (ARA)	101 mg	18 mg
Docosahexaenoic Acid (DHA)	158 mg	28 mg
Carbohydrates	40 g	7.2 g
Sugars	20 g	3.6 g
Fibre	0.9 g	0.2 g
Protein equivalent	29 g	5.2 g
L-Alanine	3.2 g	0.58 g
L-Arginine	1.7 g	0.30 g
L-Aspartic acid	2 g	0.36 g
L-Cystine	1.5 g	0.27 g
Glycine	1.2 g	0.22 g
L-Glutamine	3.9 g	0.69 g
L-Histidine	1 g	0.18 g
L-Glutamic acid	4.3 g	0.77 g
L-Isoleucine	0 g	0 g
L-Leucine	0 g	0 g
L-Lysine	2.8 g	0.50 g
L-Methionine	0.8 g	0.14 g
L-Phenylalanine	1.9 g	0.34 g
L-Proline	3.2 g	0.58 g
L-Serine	1.9 g	0.33 g
L-Threonine	2.5 g	0.45 g
L-Tryptophan	0.8 g	0.14 g
L-Tyrosine	2.2 g	0.4 g
L-Valine	0 g	0 g
Salt	0.75 g	0.14 g

18 g powder — 3 level scoops — + 90 ml water = 100 ml prepared product

VITAMINS	per 100 g	per 100 ml*
Vitamin A	487 µg RE	87 µg RE
Vitamin D	8.8 µg	1.6 µg
Vitamin E	5.2 mg α-TE	0.9 mg α-TE
Vitamin K	20 µg	3.6 µg
Vitamin C	140 mg	25 mg
Thiamin (B1)	0.4 mg	0.1 mg
Riboflavin (B2)	0.8 mg	0.1 mg
Niacin (B3)	4 mg NE	0.7 mg NE
Vitamin B6	0.5 mg	0.1 mg
Folic acid	73 µg	13.2 µg
Folate	122 µg DFE	22 µg DFE
Vitamin B12	1 µg	0.2 µg
Biotin	9.8 µg	1.8 µg
Pantothenic acid	3.4 mg	0.6 mg

MINERALS & TRACE ELEMENTS	per 100 g	per 100 ml*
Sodium	300 mg	54 mg
Potassium	500 mg	90 mg
Chloride	463 mg	83 mg
Calcium	1,085 mg	195 mg
Phosphorus	734 mg	132 mg
Magnesium	125 mg	26 mg
Iron	11 mg	2 mg
Zinc	5.3 mg	0.95 mg
Manganese	1.1 mg	0.2 mg
Copper	1 mg	0.2 mg
Iodine	140 µg	25 µg
Selenium	25 µg	4.5 µg
Chromium	11.5 µg	2.1 µg
Molybdenum	0.2 µg	0.03 µg
Fluoride	30 mg	5.4 mg

OTHER COMPONENTS	per 100 g	per 100 ml*
L-Carnitine	8.8 mg	1.2 mg
Choline	126 mg	18 mg
Inositol	120 mg	16.8 mg
Taurine	31 mg	1.3 mg