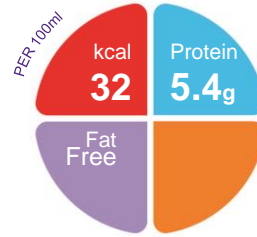


MSUD 2

An unflavoured powder, mixture of pure L-amino acids free from isoleucine, leucine and valine, enriched with vitamins, minerals and trace elements.

Features

- Defined protein supplements based on free amino acids
- Enriched with vitamins, minerals and trace elements in age-adapted quantities
- Contains other essential and non-essential amino acids, carbohydrate, fat, vitamins, minerals and trace elements
- Unflavoured



Indications

- For the dietary management of Branched Chain Ketoaciduria, Hyperleucin-isoleucinemia, Hypervalinemia and Maple syrup urine disease.

Precautions

- Not suitable for metabolic disorders other than MSUD or as a supplement for individuals who do not have MSUD
- Use under strict medical supervision

Contraindications

- Not for intravenous use

Age restrictions

- Suitable from 1 year of age
- Not suitable for infants under 1 year of age

Important Notice

- This product must be given in conjunction with a source of protein e.g. breast milk or proprietary infant formula to supply the isoleucine, leucine, valine, fluid and general nutrition requirements of the infant in quantities as prescribed by a clinician or dietitian

Ordering Information

MSUD2	Nappi Code	Units per Case
500gr tin	716056001	2

Directions for Use

- The daily amount of MSUD 2 depends on age, body weight, protein requirements and individual metabolic condition. The dose of MSUD 2 must be adjusted by the physician or dietician regularly.
- The daily amount required should be divided into 3 to 5 equal portions and should be taken mixed with calculated amounts of other food (e.g. infant formula, baby food, solid foods).
- Diets with MSUD 2 must contain adequate amounts of energy, essential fatty acids, isoleucine, leucine and valine to meet daily requirements. In beverages a maximum concentration of 10 g per 100 ml should not be exceeded.

Storage

- Store can in a cool, dry place
- Always replace the container lid after use
- Once can is opened, use within two weeks

A food for special medical purposes; to be used under strict medical supervision.

Nutricia Southern Africa (PTY) Ltd
199 Bryanston Drive, Bryanston, 2191

For more information call the
Nutricia Customer Care Line 087 350 2310



MSUD 2

Nutrition Information		Per 100g	Per 100ml*
Energy	kcal	317	32
	kJ	1347	135
Protein equivalent	g	54.3	5.4
Carbohydrate	g	24.9	2.5
Fat	g	nil	nil
Minerals	g	4.7	0.5

Minerals		Per 100g	Per 100ml*
Sodium	mg	515	52
	mmol	22.4	2.2
Potassium	mg	1075	108
	mmol	27.5	2.7
Calcium	mg	1065	107
Phosphorus	mg	820	82
Magnesium	mg	155	16
Chloride	mg	800	80
Ca:P ratio		1.3:1	1.3:1

Vitamins		Per 100g	Per 100ml*
Vitamin A	µg RE	1100	110
Vitamin D	µg	5.5	0.6
Vitamin E	mg-α-TE	18	1.8
Vitamin K	µg	35	3.5
Vitamin C	mg	80	8
Thiamin	mg	1.6	0.16
Riboflavin	mg	2	0.2
Niacin	mg	23	2.3
Vitamin B6	mg	1.8	0.18
Vitamin B12	µg	3	0.3
Folic Acid	µg	350	35
Pantothenic Acid	mg	12	1.2
Biotin	µg	300	30

Trace Elements		Per 100g	Per 100ml*
Zinc	mg	7.4	0.7
Manganese	mg	2.5	0.3
Copper	mg	1.6	0.16
Iodine	µg	180	18
Molybdenum	µg	200	20
Chromium	µg	40	4

Other		Per 100g	Per 100ml*
Choline	mg	211	21
Inositol	mg	243	24

Ingredients:

MSUD2: Maltodextrin maltodextrin, L-Lysin-L-Glutamat Llysine-L-glutamate, L-Glutaminsäure L-glutamic acid, L-Prolin L-proline, L-Asparaginsäure L-aspartic acid, L-Serin L-serine, L-Tyrosin L-tyrosine, L-Threonin L-threonine L-Phenylalanin L-phenylalanine, L-Alanin L-alanine, L-Arginin L-arginine, Kaliumorthophosphat (2,4 g) potassium orthophosphate (2,4 g), Magnesium-L-Aspartat magnesium-L-aspartate, L-Histidin L-histidine, L-Methionin L-methionine, L-Cystin L-cystine, Glycin, glycine, Calciumorthophosphat (1,7 g) calcium orthophosphate (1,7 g), L-Tryptophan L-tryptophane, Calciumcarbonat (1,4 g) calcium carbonate (1,4 g), Natriumchlorid (1,3 g) sodium chloride (1,3 g), Cholin tartrate cholin bitartrate, Inositol inositol, Vitamin C L-ascorbic acid, Eisensulfat (60 mg) ferrous sulphate (60 mg), Vanillin vanillin, Niacin niacinamide, Zinksulfat (20 mg) zinc sulphate (20 mg), Vitamin E DL-alpha-tocopheryl acetate, Calcium-D-pantothenat calcium-D-pantothenate, Mangansulfat (7,8 mg) manganese sulphate (7,8 mg), Kupfersulfat (6,4 mg) cupric sulphate (6,4 mg), Vitamin B2 riboflavin, Vitamin B6 pyridoxine hydrochloride, Vitamin B1 thiamine mononitrate, Vitamin A retinyl acetate, Folsäure pteroylmonoglutamic acid, Ammoniummolybdat (0,4 mg) ammoniummolybdat (0,4 mg), Biotin D-biotin, Kaliumjodid (0,29 mg) potassium iodide (0,29 mg), Vitamin K1 phylochinone, Vitamin D3 cholecalciferol, Vitamin B12 cyanocobalamin