

MSUD MAXAMUM

DESCRIPTION

A leucine, isoleucine and valine free powder containing a balanced mixture of the other essential and non-essential amino acids, carbohydrate, vitamins, minerals and trace elements. Available in Unflavoured and Orange flavour.

INDICATIONS

MSUD Maxamum is for use in the dietary management of proven MSUD in children over eight years of age and adults, including pregnant women.

PREPARATION AND ADMINISTRATION

MSUD Maxamum is best served as a chilled drink. First paste the prescribed amount of powder with a little water and then gradually add sufficient water to yield the prescribed volume. Initially, a 1 to 7 dilution is recommended (i.e. 100g Maxamum plus 700ml of water) with the concentration increasing to 1 to 5 (i.e. 100g Maxamum plus 500ml of water) with increasing tolerance. MSUD Maxamum may be given in a more concentrated form e.g. a paste or concentrated drink with water or diluted drinks offered at the same time.

ADMINISTRATION GUIDELINES

The dosage should be determined by a clinician or dietitian only and is dependent on the age, body weight and medical condition of the patient. The daily intake of protein substitute should be taken in divided doses throughout the day.

GENERAL PRECAUTIONS

Use under medical supervision. Not for parenteral use. Not suitable for use as a sole source of nutrition. This product should not be used as a sole source of protein but must be given in conjunction with a protein source, to supply the leucine, isoleucine, valine, fluid and general nutrition requirements of the patient in quantities as prescribed by a clinician or dietitian. Only intended for use by patients with MSUD.

STORAGE

Store in a cool, dry place. Once opened, use within one month. Once reconstituted, store in a refrigerator and consume within 24 hours. Stir or shake immediately before serving.

PACK SIZE

500g tin.

INGREDIENTS

Dried Glucose Syrup, L-Arginine, L-Aspartate, L-Lysine, L-Glutamine, L-Proline, Glycine, Calcium Glycerophosphate, L-Threonine, L-Phenylalanine, L-Tyrosine, L-Serine, L-Histidine, L-Alanine, Tripotassium Citrate, L-Cystine, N-Acetyl L-Methionine, L-Tryptophan, Magnesium Hydrogen Phosphate, Sodium Chloride, Trisodium Citrate, Sugar, Choline Bitartrate, Emulsifier (Soy Lecithin), Magnesium Acetate, Magnesium L-Aspartate, Taurine, Ferrous Sulphate, Ascorbic Acid, Inositol, Zinc Sulphate, L-Carnitine, Nicotinamide, Manganese Sulphate, DL-Alpha Tocopheryl Acetate, Calcium D-Pantothenate, Copper Sulphate, Pyridoxine Hydrochloride, Thiamin Hydrochloride, Riboflavin, Vitamin A Acetate, Folic Acid, Chromium Sulphate, Sodium Molybdate, Potassium Iodide, Biotin, Sodium Hydrogen Selenite, Vitamin K₁, Vitamin D₃, Cyanocobalamin.

Ingredients shown are for Unflavoured.



MSUD MAXAMUM

AVERAGE CONTENTS	UNIT	PER 100G	PER 20G*
Energy	kcal	297	59.4
	kJ	1260	252
Protein	g	39	7.8
Carbohydrate	g	34	6.8
sugars	g	3.1 / 31.7	0.62 / 6.3
lactose	g	-	-
Fat	g	<0.5	<0.1
saturates	g	trace	trace
monounsaturates	g	trace	trace
polyunsaturates	g	trace	trace
DHA	mg	-	-
LCT	%	-	-
LA/ALA	ratio	-	-
% energy linoleic acid	%	-	-
% energy α -linolenic acid	%	-	-
Dietary fibre	g	nil added	nil added
Minerals			
sodium	mg (mmol)	560 (24.3)	112 (4.9)
potassium	mg (mmol)	700 (17.9)	140 (3.6)
chloride	mg (mmol)	560 (15.8)	112 (3.2)
calcium	mg (mmol)	670 (16.7)	134 (3.3)
phosphorus	mg (mmol)	670 (21.6)	134 (4.3)
magnesium	mg (mmol)	285 (11.7)	57 (2.3)
iron	mg	23.5	4.7
zinc	mg	13.6	2.7
copper	μ g	1400	280
manganese	mg	2.1	0.42
fluoride	mg	-	-
molybdenum	μ g	107	21
selenium	μ g	50	10
chromium	μ g	50	10
iodine	μ g	107	21
Vitamins			
vitamin A	μ g RE (IU)	710 (2364)	142 (473)
vitamin D	μ g (IU)	7.8 (312)	1.6 (62)
vitamin E	mg α -TE (IU)	5.2 (7.7)	1 (1.5)
vitamin K	μ g	70	14
thiamin	mg	1.4	0.28
riboflavin	mg	1.4	0.28
niacin	mg (mg NE)	13.6 (35.3)	2.7 (7.1)
pantothenic acid	mg	5	1
vitamin B ₆	mg	2.1	0.42
folic acid	μ g	500	100
vitamin B ₁₂	μ g	3.6	0.72
biotin	μ g	140	28
vitamin C	mg	90	18
Others			
choline	mg	321	64
myo-inositol	mg	85.7	17
Water			
osmolality	mOsm/kg H ₂ O	-	1000 / 1150
Amino acid profile			
L-Alanine	g	2.4	0.48
L-Arginine	g	4.3	0.86
L-Aspartic Acid	g	3.6	0.72
L-Cystine	g	1.6	0.32
Glycine	g	3.8	0.76
L-Glutamine	g	5.2	1.04
L-Histidine	g	2.4	0.48
L-Isoleucine	g	nil added	nil added
L-Leucine	g	nil added	nil added
L-Lysine	g	4.4	0.88
L-Methionine	g	1	0.2
L-Phenylalanine	g	2.9	0.58
L-Proline	g	4.6	0.92
L-Serine	g	2.9	0.58
L-Threonine	g	3.2	0.64
L-Tryptophan	g	1.3	0.26
L-Tyrosine	g	2.9	0.58
L-Valine	g	nil added	nil added
L-Carnitine	g	0.02	0.004
Taurine	g	0.15	0.03

Note: Nutritional Information for all flavours is in black font, but where different, Unflavoured remains in black font and Orange flavour is in orange font.

* 1 in 5 dilution