

MSUDgel™

DESCRIPTION

MSUD gel is a powdered leucine, isoleucine and valine free protein substitute containing essential and non-essential amino acids, carbohydrate, vitamins, minerals and trace elements.

PRESENTATION

MSUD gel is available in sachets of unflavoured powder.

INDICATIONS

MSUD gel is for use in the dietary management of Maple Syrup Urine Disease for children from 12 months to 10 years of age.

Nutritional Information							
Typical composition of dry powder		per 100g	per 20g sachet	Typical composition of dry powder		per 100g	per 20g sachet
Energy				Trace Elements			
	kJ	1428	286	Iron	mg	10.5	2.1
	kcal	342	68	Copper	mg	0.7	0.14
Protein equivalent	g	42	8.4	Zinc	mg	10.5	2.1
Total amino acids	g	50	10	Manganese	mg	1.7	0.34
Carbohydrate	g	43	8.6	Iodine	µg	120	24
of which sugars	g	28	5.6	Molybdenum	µg	50	10
Fat	g	<0.5	<0.1	Selenium	µg	30	6
of which saturates	g	Trace	Trace	Chromium	µg	70	14
Vitamins				Amino acids			
Vitamin A	µg	600	120	L-Alanine	g	5.11	1.02
Vitamin D	µg	12	2.4	L-Arginine	g	4.85	0.97
Vitamin E	mg	9	1.8	L-Aspartic acid	g	6.13	1.23
Vitamin C	mg	45	9	L-Cystine	g	1.45	0.29
Vitamin K	µg	25	5	L-Glutamine	g	5.51	1.10
Thiamin	mg	0.8	0.16	Glycine	g	4.06	0.81
Riboflavin	mg	1	0.2	L-Histidine	g	1.74	0.35
Niacin	mg	13.5	2.7	L-Isoleucine	g	0.00	0.00
Vitamin B ₆	mg	1.1	0.22	L-Leucine	g	0.00	0.00
Folic acid	µg	130	26	L-Lysine	g	3.65	0.73
Vitamin B ₁₂	µg	2.0	0.4	L-Methionine	g	1.05	0.21
Biofin	µg	25	5	L-Phenylalanine	g	2.73	0.55
Pantothenic acid	mg	3.8	0.76	L-Proline	g	4.29	0.86
Minerals				L-Serine	g	2.90	0.58
Sodium	mg	380	76	L-Threonine	g	2.61	0.52
	mmol	16.3	3.3	L-Tryptophan	g	1.45	0.29
Potassium	mg	936	187	L-Tyrosine	g	2.90	0.58
	mmol	24.3	4.9	L-Valine	g	0.00	0.00
Chloride	mg	582	116	L-Carnitine	mg	50.00	10.00
	mmol	16.3	3.3	Taurine	mg	90.00	18.00
Calcium	mg	1085	217				
Phosphorus	mg	827	165				
Magnesium	mg	167	33				

DOSAGE & ADMINISTRATION

Dosage of MSUD gel to be determined by the clinician or dietitian.

1. The daily protein requirement is given as MSUD gel (100g is equivalent to 42g of protein).
2. Additional protein is provided from exchanges of natural protein, to provide Leucine, Isoleucine and Valine in controlled amounts which is essential for normal growth and development.
3. Foods high in carbohydrate and fat, but low in protein, should be provided to supply the remainder of the energy.
4. Vitaflo also produce an Isoleucine supplement in 4g sachets (to provide 50mg of Isoleucine) and a Valine supplement in 4g sachets (to provide 50mg of Valine).

PREPARATION GUIDELINES

MSUD gel can be taken either as a gel or a low volume drink.

Empty the contents of the sachet into the beaker provided, plus a FlavourPac* sachet if required. Add cold water - 30ml for a gel or approximately 80ml (half-way up the beaker) for a drink. Secure the lid and shake for 10 seconds.

For the gel - leave to stand for 2 minutes.

For the drink - drink immediately.

This product should be freshly prepared and when possible used immediately. However, any unused portions should

be refrigerated and used within 24 hours - re-shake before use.

Water or permitted drinks should be taken after the gel or drink.

*Separate FlavourPac sachets are available in blackcurrant, lemon, orange, raspberry and tropical.

IMPORTANT NOTICE

Must only be given to patients with proven Maple Syrup Urine Disease.

Must only be used under strict medical supervision.

Not recommended for infants under 12 months of age.

Not for use as a sole source of nutrition.

Not for intravenous use.

Contains a source of phenylalanine.

STORAGE

Store in a cool, dry place.

PACK SIZE

30 x 20g sachets.

NET WEIGHT

0.6kg

REGISTRATION

ACBS, GMS and PBS approved.



Innovation in Nutrition

AUSTRALIA · CANADA · DENMARK · FRANCE
GERMANY · HOLLAND · IRELAND · ITALY · LATIN AMERICA
NORWAY · SPAIN · SWEDEN · UK · USA

Manufactured in the EU for
Vitaflo International Ltd.

Web: www.vitafloweb.com

Vitaflo and MSUD gel are Trade Marks of
Vitaflo International Ltd.

Code: 0206