

MSUD exploreTM5

ACBS ☒ GMS ☐ PBS ☐

Description

Food for special medical purposes.

MSUD exploreTM5 is an unflavoured powdered leucine, isoleucine and valine free*, protein substitute containing essential and non-essential amino acids, carbohydrate, sugar, vitamins, minerals, trace elements, arachidonic acid (ARA) and docosahexaenoic acid (DHA).

Indications

MSUD explore5 is for the dietary management of Maple Syrup Urine Disease (MSUD) from 6 months to 5 years of age.

Dosage and Administration

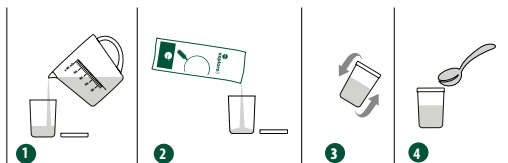
To be determined by the clinician or dietitian and is dependent on the age, body weight and medical condition of the patient.

MSUD explore5 (12.5g) = 5g PE

1. The daily protein substitute requirement is given as MSUD explore5.
2. Additional protein is provided from exchanges of natural protein, to provide restricted amino acids in controlled amounts, which is essential for growth and development.
3. Foods high in carbohydrate and fat, but low in protein, should be provided to supply the remainder of the energy.

Preparation Guidelines

MSUD explore5 is taken as a semi-solid spoonable consistency:



1. Add 12.5ml of cold water into a beaker.
2. Empty the contents of the sachet into the beaker.
3. Secure the lid and shake well for 10 seconds.
4. Leave to stand for 2 minutes, allowing a smooth semi-solid consistency to form. Consume with a spoon.

Water or permitted drinks should be taken after MSUD explore5.

The product should be prepared immediately prior to feeding and any remaining product must be discarded if not used within 1hr.

IMPORTANT NOTICE

Must be used under strict medical supervision.

Not suitable for use as a sole source of nutrition.

Suitable from 6 months to 5 years of age.

Must only be consumed by children with proven Maple Syrup Urine Disease (MSUD).

Diet must be supplemented with natural protein, water and other nutrients in prescribed quantities to supply leucine, isoleucine, valine, fluid and general nutritional requirements.

For enteral use only.

Nutritional Information		MSUD explore5				MSUD explore5	
		per 100g	per 12.5g			per 100g	per 12.5g
Energy	kJ	1450	181	Vitamin B12	µg	3.7	0.46
	kcal	342	43	Pantothenic acid	mg	7.3	0.91
Fat	g	1.5	0.2	Biotin	µg	23	2.9
	of which saturates	g	0.7	Sodium	mg	195	24
ARA	mg	280	35		mmol	8.4	1.0
DHA	mg	140	18	Chloride	mg	500	63
Carbohydrate	g	42	5.3		mmol	14	1.8
of which sugars	g	28	3.5	Potassium	mg	500	63
Protein equivalent	g	40	5.0		mmol	12	1.6
L-Isoleucine*	g	-	-	Calcium	mg	1100	140
L-Leucine*	g	-	-		mmol	28	3.4
L-Valine*	g	-	-	Phosphorus	mg	730	91
Salt	g	0.49	0.06		mmol	23	2.9
Vitamins and minerals				Magnesium	mg	135	17
Vitamin A	µg	530	66		mmol	5.5	0.69
Vitamin D	µg	27	3.4	Iron	mg	16.0	2.0
Vitamin E (αTE)	mg	9.7	1.2	Zinc	mg	11.0	1.4
Vitamin K	µg	27	3.4	Copper	mg	0.78	0.10
Vitamin C	mg	90	11	Iodine	µg	150	19
Thiamin	mg	1.0	0.12	Selenium	µg	31	3.9
Riboflavin	mg	1.5	0.19	Manganese	mg	0.25	0.03
Vitamin B6	mg	1.1	0.14	Chromium	µg	30	3.8
Niacin	mg (mg NE)	6.9(31)	0.86(3.9)	Molybdenum	µg	40	5.0
Folic acid	µg	230	29	Others			
				Choline	mg	450	56

Nutritional Information	MSUD explore5		MSUD explore5	
		per 100g	per 12.5g	
Amino acids				
L-Alanine	g	5.06	0.63	L-Phenylalanine g 2.70 0.34
L-Arginine	g	4.80	0.60	L-Proline g 4.25 0.53
L-Aspartic Acid	g	6.08	0.76	L-Serine g 2.87 0.36
L-Cystine	g	1.44	0.18	L-Threonine g 2.59 0.32
L-Glutamine	g	4.92	0.62	L-Tryptophan g 1.44 0.18
Glycine	g	4.02	0.50	L-Tyrosine g 2.87 0.36
L-Histidine	g	1.73	0.22	L-Carnitine mg 44 5.5
L-Lysine	g	3.61	0.45	Taurine mg 88 11
L-Methionine	g	1.04	0.13	

* No added isoleucine, leucine or valine. These may be present in trace amounts from other ingredients (<10mg/100g powder, <4mg/serving).

Allergen Declaration

Contains Fish (Tuna).

Not suitable for individuals with milk allergy.

Pack Size/Weight

 **explore5**

30 x 12.5g e sachets = 375g

Storage

Store in a cool, dry place. Sachets are designed for single use. Any unused powder in a sachet should be stored in a refrigerator and used within 24 hours of opening.

Flavours

Unflavoured.

