

# MSUD AID III

## DESCRIPTION

A leucine, isoleucine and valine free unflavoured blend of essential and non-essential amino acids.

## INDICATIONS

MSUD Aid III can be used in infants, children and adults for the dietary management of proven MSUD.

## PREPARATION AND ADMINISTRATION

MSUD Aid III 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. The recommended dilution is 1 to 20 (i.e. 5g MSUD Aid III plus 100ml of water). MSUD Aid III 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

L-Lysine, L-Glutamate, L-Proline, L-Arginine, Glycine, L-Aspartic Acid, L-Threonine, L-Tyrosine, L-Phenylalanine, L-Serine, Histidine, L-Alanine, Dried Glucose Syrup, L-Cystine, L-Tryptophan, L-Methionine, L-Glutamine, L-Glutamic Acid, Tricalcium Phosphate, Taurine, L-Carnitine.



## MSUD AID III

AVERAGE CONTENTS	UNIT	PER 100G	PER 5G*
<b>Energy</b>	kcal	326	16.3
	kJ	1386	69.3
<b>Protein</b>	g	77	3.9
<b>Carbohydrate</b>	g	4.5	0.23
sugars	g	0.4	0.02
lactose	g	-	-
<b>Fat</b>	g	-	-
saturates	g	-	-
monounsaturates	g	-	-
polyunsaturates	g	-	-
DHA	mg	-	-
LCT	%	-	-
LA/ALA	ratio	-	-
% energy linoleic acid	%	-	-
% energy $\alpha$ -linolenic acid	%	-	-
<b>Dietary fibre</b>	g	nil added	nil added
<b>Minerals</b>			
sodium	mg (mmol)	trace	trace
potassium	mg (mmol)	-	-
chloride	mg (mmol)	-	-
calcium	mg (mmol)	145 (3.6)	7.25 (0.18)
phosphorus	mg (mmol)	75 (2.4)	3.75 (0.12)
magnesium	mg (mmol)	-	-
iron	mg	-	-
zinc	mg	-	-
copper	$\mu$ g	-	-
manganese	mg	-	-
fluoride	mg	-	-
molybdenum	$\mu$ g	-	-
selenium	$\mu$ g	-	-
chromium	$\mu$ g	-	-
iodine	$\mu$ g	-	-
<b>Vitamins</b>			
vitamin A	$\mu$ g RE (IU)	-	-
vitamin D	$\mu$ g (IU)	-	-
vitamin E	mg $\alpha$ -TE (IU)	-	-
vitamin K	$\mu$ g	-	-
thiamin	mg	-	-
riboflavin	mg	-	-
niacin	mg (mg NE)	-	-
pantothenic acid	mg	-	-
vitamin B <sub>6</sub>	mg	-	-
folic acid	$\mu$ g	-	-
vitamin B <sub>12</sub>	$\mu$ g	-	-
biotin	$\mu$ g	-	-
vitamin C	mg	-	-
<b>Others</b>			
choline	mg	-	-
myo-inositol	mg	-	-
<b>Water</b>			
osmolality	mOsm/kg H <sub>2</sub> O	-	330
<b>Amino acid profile</b>			
L-Alanine	g	4.83	0.24
L-Arginine	g	8.47	0.42
L-Aspartic Acid	g	7.07	0.35
L-Cystine	g	3.16	0.16
Glycine	g	7.59	0.38
L-Glutamine	g	0.69	0.03
L-Histidine	g	4.84	0.24
L-Isoleucine	g	nil added	nil added
L-Leucine	g	nil added	nil added
L-Lysine	g	8.83	0.44
L-Methionine	g	2.07	0.1
L-Phenylalanine	g	5.75	0.29
L-Proline	g	9.2	0.46
L-Serine	g	5.69	0.28
L-Threonine	g	6.38	0.32
L-Tryptophan	g	2.53	0.13
L-Tyrosine	g	5.75	0.29
L-Valine	g	nil added	nil added
L-Carnitine	g	0.06	0.003
Taurine	g	0.12	0.006

\*1 in 20 dilution

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

For more information contact the Nutricia Care Line:  
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