

# HCU gel™

A methionine free gel or drink for use in the dietary management of Homocystinuria.  
For children of 12 months to 10 years of age.

## PRESENTATION

HCU gel is a methionine free powder containing a balanced mixture of the other essential and non-essential amino acids, carbohydrates, minerals, trace elements and vitamins.

HCU gel is available unflavoured. Separate FlavourPacs sachets are available in orange, lemon, raspberry and blackcurrant.

## INDICATIONS

HCU gel is for use in the dietary management of proven Homocystinuria in children from 12 months to 10 years of age and contains the necessary amino acids, minerals, trace elements and vitamins to meet the needs of this age group.

### Nutritional Information

Typical composition of the dry powder		100g	20g sachet	Typical composition of the dry powder		100g	20g sachet
Energy	kJ	1428	286	Vitamin C	mg	45	9
	kcal	342	68	Vitamin K	µg	25	5
Protein equivalent	g	42	8	Thiamin	mg	0.8	0.16
Total amino acids	g	50	10	Riboflavin	mg	1	0.2
Carbohydrate	g	43	8.6	Niacin	mg	13.5	2.7
of which sugar	g	28	5.6	Vitamin B <sub>6</sub>	mg	1.1	0.2
Total fat	g	0.14	0.03	Folic acid	µg	130	26
				Vitamin B <sub>12</sub>	µg	2	0.4
				Biotin	µg	25	5
				Pantothenic acid	mg	3.75	0.75
<b>Minerals</b>				<b>Amino acids</b>			
Sodium	mg	380	76	L-Alanine	g	2.05	0.41
	mmol	16.3	3.26	L-Arginine	g	3.41	0.68
Potassium	mg	936	187	L-Aspartic acid	g	4.56	0.91
	mmol	24.3	4.8	L-Cystine	g	1.37	0.27
Chloride	mg	582	117	L-Glutamine	g	4.02	0.8
	mmol	16.3	4.1	Glycine	g	3	0.6
Calcium	mg	1085	217	L-Histidine	g	2.14	0.43
Phosphorus	mg	827	165	L-Isoleucine	g	3.21	0.64
Magnesium	mg	168	34	L-Leucine	g	5.56	1.11
<b>Trace Elements</b>				L-Lysine	g	3.58	0.72
Iron	mg	10	2	L-Methionine	g	0.00	0.00
Copper	mg	0.7	0.14	L-Proline	g	3.13	0.63
Zinc	mg	10	2	L-Phenylalanine	g	2.48	0.49
Manganese	mg	1.7	0.34	L-Serine	g	2.4	0.48
Iodine	µg	120	24	L-Threonine	g	2.44	0.49
Molybdenum	µg	50	10	L-Tryptophan	g	1.07	0.21
Selenium	µg	30	6	L-Tyrosine	g	2.46	0.49
Chromium	µg	70	14	L-Valine	g	3.53	0.7
<b>Vitamins</b>				L-Carnitine	mg	70	14
Vitamin A	µg	600	120	Taurine	mg	80	16
Vitamin D	µg	12	2.4				
Vitamin E	mg	9	1.8				

## DOSAGE & ADMINISTRATION

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

1. The daily protein requirement is given as HCU gel (100g is equivalent to 42g protein).
2. Additional protein is provided from natural protein sources in medically prescribed quantities to provide methionine in controlled amounts, which is essential for normal development.
3. Foods high in carbohydrate and fat but low in protein should be provided as an energy source to supply the remainder of the calories.

## PREPARATION GUIDELINES

HCU gel can be taken as a gel or as a low volume drink. Empty the contents of a sachet into the beaker provided, add a FlavourPac sachet if required and add cold water. 30ml for a gel or half way up (100ml) for a drink. Secure the lid and shake for 10 seconds. For the gel leave for 2 mins, for a drink serve immediately.

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

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.

## IMPORTANT NOTICE

Must only be given to patients with proven Homocystinuria and under strict medical supervision.

Contains a source of phenylalanine.

Not for intravenous use.

Not recommended as a sole source of nutrition.

Not recommended for infants under 12 months of age.

## STORAGE

Store in a cool, dry place.

## PACK SIZE

HCU gel is available in packs of 30 x 20g sachets.

ACBS and GMS APPROVED



Innovation in Nutrition

AUSTRALIA · GERMANY · IRELAND · ITALY  
SCANDINAVIA · UNITED KINGDOM · USA

Manufactured in the UK for VitaFlo International Ltd.  
11-16 Century Building, Brunswick Business Park,  
Liverpool L3 4BL

Tel: 0151 709 9020 Fax: 0151 709 9727

E-mail: [vitaflo@vitaflo.co.uk](mailto:vitaflo@vitaflo.co.uk) Web: [www.vitaflo.co.uk](http://www.vitaflo.co.uk)

VitaFlo and HCU gel are Trade Marks of  
VitaFlo International Ltd.

Code: 0404