

CARBOHYDRATE FREE MIX

DESCRIPTION

A powdered protein/fat supplement containing cows' milk protein, fat, vitamins, minerals and trace elements, and minimal levels of lactose, galactose and glucose.

INDICATIONS

For use in the dietary management of infants and children with glucose-galactose intolerance, either primary or secondary to another disorder. It can provide complete nutritional support for infants only when supplied with an additional carbohydrate source such as fructose. It can be used as supplemental nutrition for children aged over one year. Can also be used in the diagnosis of disorders of carbohydrate metabolism e.g. monosaccharide intolerances and pyruvate dehydrogenase deficiency.

PREPARATION AND ADMINISTRATION

In order to achieve the normal protein, carbohydrate/fat ratio, Carbohydrate Free Mixture must be mixed with a carbohydrate source in the ratio of approximately 1:1 on a weight basis before dissolving. The recommended dilution of Carbohydrate Free Mix is 7% w/v (7g of product made up to a final volume of 100ml with water) before the addition of suitable carbohydrate. If a carbohydrate source is added, the recommended dilution is 14% w/v i.e. 7g of product and 7g of carbohydrate made up to 100ml of water.

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.

PREPARATION GUIDELINES FOR INFANT FORMULA

THE HEALTH OF THE INFANT DEPENDS ON CAREFULLY FOLLOWING THE DIRECTIONS FOR PREPARATION AND USE. INCORRECT PREPARATION CAN MAKE THE BABY ILL.

When preparing any infant feed, please follow the guidelines below:

1. Wash hands thoroughly and clean the preparation area. Sterilise bottles and teats (if using).
2. Boil fresh water for five minutes and allow to cool for at least 30 minutes so that it feels warm to the wrist. Pour the required amount of water into a sterilised feeding bottle.
3. Fill the scoop provided with infant formula and level off with a clean dry knife. Do not press the powder into the scoop. Only use the scoop provided.

4. Add the prescribed number of scoops of infant formula to the water. Replace cap on the bottle and shake until powder is dissolved. Before feeding, ensure that the formula is at the correct temperature by placing a few drops on the wrist.
5. Formula remaining in the bottle after one hour of feeding should be discarded. Formula must not be rewarmed during feeding.

Important Notice: Powdered infant formula is not sterile. Infant formula should be prepared immediately prior to feeding and any remaining formula should be discarded if not used within one hour. Formula should not be warmed for longer than 15 minutes prior to feeding. Do not boil formula and do not use a microwave oven to prepare or warm formula.

GENERAL PRECAUTIONS

Use under medical supervision. Not for parenteral use. Not suitable for use as a sole source of nutrition. To be used with an additional carbohydrate source e.g. fructose.

STORAGE

Store in a cool, dry place. Always replace the container lid after use. Once opened, use within one month.

PACK SIZE

225g tin.

INGREDIENTS

Refined Vegetable Oil (Palm, Sunflower, Rapeseed, Coconut), Calcium Caseinate (from Cows' Milk), Sodium Caseinate (from Cows' Milk), Tripotassium Citrate, Calcium Phosphate Tribasic, Potassium Chloride, Calcium Carbonate, Magnesium Hydrogen Phosphate, Choline Bitartrate, Sodium Chloride, Magnesium Chloride, L-Cystine, L-Ascorbic Acid, Taurine, M-Inositol, Ferrous Sulphate, L-Carnitine, L-Tartrate, Ascorbyl Palmitate, Zinc Sulphate, Nicotinamide, Calcium D-Pantothenate, DL-Alpha Tocopherol Acetate, DL-Alpha Tocopherol, Manganese Sulphate, Copper Sulphate, Riboflavin, Vitamin A Acetate, Thiamin Hydrochloride, Pyridoxine Hydrochloride, Folic Acid, Potassium Iodide, Sodium Molybdate, Vitamin K₁, Chromium Chloride, Sodium Selenite, D-Biotin, Vitamin D₃, Cyanocobalamin.



CARBOHYDRATE FREE MIX

AVERAGE CONTENTS	UNIT	PER 100G	PER 100ML*
Energy	kcal	668	47
	kJ	2767	194
Protein	g	28.9	2
Carbohydrate	g	0.1	0.01
sugars	g	0.1	0.01
lactose	g	0.1	0.01
Fat	g	60.6	4.24
saturates	g	21.3	1.49
monounsaturates	g	28.9	2.02
polyunsaturates	g	7.5	0.53
MCT	%	2.4	2.4
LCT	%	97.5	97.5
LA/ALA	ratio	5.4:1	5.4:1
% energy linoleic acid	%	8.4	8.4
% energy α -linolenic acid	%	1.5	1.5
Dietary fibre	g	-	-
Minerals			
sodium	mg (mmol)	315 (13.7)	22 (0.96)
potassium	mg (mmol)	935 (24)	65.5 (1.7)
chloride	mg (mmol)	625 (17.9)	44 (1.2)
calcium	mg (mmol)	845 (21.1)	59 (1.5)
phosphorus	mg (mmol)	500 (16.1)	35 (1.1)
magnesium	mg (mmol)	95 (3.9)	6.7 (0.3)
iron	mg	7.8	0.55
zinc	mg	6.4	0.45
copper	μ g	750	52.5
manganese	mg	0.88	0.06
fluoride	mg	-	-
molybdenum	μ g	37.4	2.62
selenium	μ g	18.4	1.29
chromium	μ g	16.2	1.13
iodine	μ g	110	7.70
Vitamins			
vitamin A	μ g RE (IU)	1150 (3830)	80.5 (268)
vitamin D	μ g (IU)	19 (760)	1.3 (53.2)
vitamin E	mg α -TE (IU)	15.2 (22.7)	1.06 (1.6)
vitamin K	mg	82	5.74
thiamin	mg	0.62	0.04
riboflavin	mg	1.6	0.11
niacin	mg (mg NE)	9(15.7)	0.63 (1.1)
pantothenic acid	mg	4.8	0.34
vitamin B ₆	mg	0.64	0.04
folic acid	μ g	158	11.06
vitamin B ₁₂	μ g	3.2	0.22
biotin	μ g	23.4	1.64
vitamin C	mg	126	8.82
Others			
choline	mg	110	7.7
inositol	mg	52	3.64
Water			
osmolality	mOsm/kg H ₂ O	-	54
Amino acid profile			
L-Alanine	g	0.96	0.07
L-Arginine	g	1.1	0.08
L-Aspartic Acid	g	2.2	0.15
L-Cystine	g	0.5	0.04
Glycine	g	0.57	0.04
L-Glutamine	g	-	-
L-Histidine	g	0.91	0.06
L-Isoleucine	g	1.6	0.11
L-Leucine	g	3	0.21
L-Lysine	g	2.9	0.2
L-Methionine	g	0.93	0.07
L-Phenylalanine	g	1.6	0.11
L-Proline	g	2.8	0.2
L-Serine	g	1.9	0.13
L-Threonine	g	1.4	0.1
L-Tryptophan	g	0.4	0.03
L-Tyrosine	g	1.7	0.12
L-Valine	g	2	0.14
L-Carnitine	g	0.014	0.001
Taurine	g	0.06	0.004

*At recommended concentration of 7% w/v.

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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