

PKU start™

Description

Food for special medical purposes.

PKU start™ is an amino acid based powdered phenylalanine free* formula containing other essential and non-essential amino acids, carbohydrate, fat, vitamins, minerals, trace elements, arachidonic acid (ARA) and docosahexaenoic acid (DHA).

Indications

PKU start is for the dietary management of Phenylketonuria (PKU) from birth.

Recommended intake and administration

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

Important feeding information

Do not heat PKU start in a microwave as uneven heating may occur and could cause scalding.

Do not boil PKU start.

Infants should be supervised at all times when feeding.

Regular teeth cleaning is recommended.

IMPORTANT NOTICE

Use under medical supervision.

Not suitable for use as a sole source of nutrition.

Suitable from birth.

PKU start must only be consumed by individuals with proven PKU in conjunction with breast milk or infant formula to provide the phenylalanine, fluid and general nutritional requirements of the infant in quantities as advised by a clinician or dietitian.

For enteral use only.



Preparation guidelines

Only prepare one bottle at a time. Use only the enclosed scoop.

The standard dilution is 14.1% (14.1g of powder made up to a final volume of 100ml with water).

The standard dilution is made by adding 1 level scoop (4.7g powder) of PKU start to 30ml of water (approx. 1 fluid oz.).

Follow the preparation guidelines carefully. Incorrect preparation can make your baby ill.

1. Wash hands well.
2. Sterilise feeding equipment according to manufacturer's instructions.
3. Boil fresh water and leave to cool for no more than 30 minutes to ensure it remains at a temperature of at least 70°C. Do not use artificially softened water or repeatedly boiled water.
4. Measure out the required amount of water into the bottle.
5. Using the scoop provided, add the prescribed number of scoops of PKU start to the water, levelling each scoop off with the back of a clean dry knife. Do not press the powder into the scoop.
6. Place the sterilised teat and cap on the bottle and shake well until all the powder has dissolved.
7. Cool to drinking temperature (approx. 37°C.) Always test the temperature before feeding by shaking a few drops onto the inside of your wrist – the feed should feel warm but not hot.



Any formula remaining in the bottle after 1 hour should be discarded.

Do not reheat PKU start once feeding has started.

Ingredients

Dried Glucose Syrup, Vegetable Oil (High Oleic Sunflower, Rapeseed, Sunflower), Potato Starch, Maltodextrin, L-Lysine L-Aspartate, L-Leucine, Calcium Glycerophosphate, L-Tyrosine, L-Arginine L-Aspartate, Glycine, Emulsifier (E472c), L-Valine, L-Proline, L-Threonine, L-Glutamine, L-Isoleucine, Potassium Chloride, L-Serine, L-Alanine, L-Histidine, Calcium Citrate, Sodium Dihydrogen Phosphate, Trisodium Citrate, Choline Bitartrate, L-Cystine, L-Tryptophan, Oil from *Mortierella alpina*, Potassium Citrate, L-Methionine, Oil from the microalgae *Schizochytrium sp.*, Acidity Regulator (E330), Vitamin C (Sodium L-Ascorbate), Magnesium Oxide, Inositol, Taurine, Ferrous Sulphate, Zinc Sulphate, L-Carnitine, Antioxidants (E307, E304), Niacin (Nicotinamide), Vitamin E (DL-Alpha-Tocopheryl Acetate), Pantothenic Acid (Calcium D-Pantothenate), Copper Sulphate, Vitamin A (Retinyl Acetate), Manganese Sulphate, Vitamin B6 (Pyridoxine Hydrochloride), Thiamin Mononitrate, Riboflavin, Potassium Iodide, Folic Acid, Sodium Selenate, Chromium Chloride, Sodium Molybdate, Vitamin K (Phytomenadione), D-Biotin, Vitamin D (Cholecalciferol), Vitamin B12 (Cyanocobalamin).

Nutritional Information

		per 100g	per 100ml		per 100g	per 100ml
Energy						
	kJ	2052	288			
	kcal	490	69			
Fat	g	25	3.5			
of which saturates	g	2.1	0.3			
monounsaturates	g	17	2.4			
polyunsaturates	g	4.4	0.6			
α linolenic acid	mg	300	42			
Docosahexaenoic acid (DHA)	mg	120	17			
Linoleic acid	mg	3600	510			
Arachidonic acid (ARA)	mg	120	17			
Carbohydrate	g	52	7.3			
of which sugars	g	4.5	0.6			
Protein equivalent		14.3	2.0			
L-Phenylalanine*	g	–	–			
Salt	g	0.48	0.07			
Vitamins						
Vitamin A RE	µg	460	65			
Vitamin D	µg	11.5	1.6			
Vitamin E	mg	10	1.4			
Vitamin K	µg	40	6			
Vitamin C	mg	61	8.6			
Thiamin	mg	0.4	0.06			
Riboflavin	mg	0.5	0.07			
Niacin (Niacin Eq)	mg	3.4 (9.2)	0.48 (1.3)			
Vitamin B6	mg	0.4	0.06			
Folic acid (Folate)	µg	77 (130)	11 (18)			
Vitamin B12	µg	1.2	0.17			
Biotin	µg	19	2.7			
Pantothenic acid	mg	2.5	0.3			
Minerals						
Sodium	mg	190	27			
	mmol	8.2	1.2			
Potassium	mg	510	72			
	mmol	13	1.8			
Chloride	mg	380	54			
	mmol	11	1.5			
Calcium	mg	400	56			
	mmol	10	1.4			
Phosphorus	mg	300	42			
	mmol	9.6	1.4			
Magnesium	mg	45	6			
	mmol	1.8	0.26			
Trace Elements						
Iron	mg	8.0	1.1			
Zinc	mg	6.5	0.9			
Copper	mg	0.40	0.06			
Manganese	mg	0.25	0.04			
Selenium	µg	21	3.0			
Chromium	µg	15	2.1			
Molybdenum	µg	16	2.3			
Iodine	µg	107	15			
Others						
Taurine	mg	29	4.1			
L-Carnitine	mg	15	2.1			
Choline	mg	150	21			
Inositol	mg	60	8.5			
Amino Acids						
L-Alanine	g	0.63	0.09			
L-Arginine	g	0.91	0.13			
L-Aspartic acid	g	1.67	0.24			
L-Cystine	g	0.39	0.05			
L-Glutamine	g	1.11	0.16			
Glycine	g	1.60	0.23			
L-Histidine	g	0.63	0.09			
L-Isoleucine	g	1.10	0.16			
L-Leucine	g	1.72	0.24			
L-Lysine	g	1.07	0.15			
L-Methionine	g	0.30	0.04			
L-Phenylalanine*	g	–	–			
L-Proline	g	1.15	0.16			
L-Threonine	g	1.11	0.16			
L-Tryptophan	g	0.35	0.05			
L-Tyrosine	g	1.62	0.23			
L-Serine	g	0.71	0.10			
L-Valine	g	1.27	0.18			

at standard dilution of 14.1%

*No added phenylalanine. Phenylalanine may be present in trace amounts from other ingredients (<10mg/100g; <1.5mg/100ml reconstituted product)

Osmolality: 430 mOsm/kg

Osmolarity: 390 mOsm/L

Potential Renal Solute Load: 187mOsm/L

Storage

Unopened: PKU start should be stored in a cool, dry place.

Once opened: Use within 3 weeks.

Always replace container lid after use.

Shelf Life

24 Months

Pack Size/Weight

4 x 400g e tin = 1.6kg



Enhancing Lives Together