



# start™

## DESCRIPTION

### Powdered Phenylalanine-free Infant Formula

An amino acid-based powdered phenylalanine-free infant formula containing other essential and non-essential amino acids, carbohydrate, fat, vitamins, minerals, arachidonic acid (ARA) and docosahexaenoic acid (DHA).

## USE UNDER MEDICAL SUPERVISION

## INDICATIONS

For use in the dietary management of Phenylketonuria (PKU) from birth.

## 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.

## STORAGE

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

Once opened: Use within 3 weeks.  
Always replace lid after use.

## PREPARATION GUIDELINES

The standard dilution of 21 kcal/fl oz or 0.69 kcal/ml is made by adding 1 level scoop of **PKU start** (4.7 g) to 30 ml (1 fl oz) of water. Use only the scoop provided in the can or a gram scale for greatest accuracy.



1 Wash hands well.



2 Sterilize 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 158°F/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, leveling each scoop off with the back of a clean dry knife. Do not press the powder into the scoop.



6 Place the sterilized nipple and cap on the bottle and shake well until all the powder has dissolved.



7 Cool to drinking temperature (approx. 99°F/37°C.) Always test the temperature before feeding by shaking a few drops onto the inside of your wrist – the formula should feel warm but not hot.

Do not reheat **PKU start** once feeding has started. Do not heat **PKU start** in a microwave as uneven heating may occur and could cause a burn. Do not boil **PKU start**. Infants should be supervised at all times when feeding.



## IMPORTANT NOTICE

**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.

Not for intravenous use.

For enteral use only.

Not for use as a sole source of nutrition.

PACKAGING	NET WT.	HCPCS CODE	REIMBURSEMENT CODE
4 x 400 g cans	1.6 kg	B4162	60385-0940-58

## PKU start Nutrition Information

	Units	per 100 g
Calories	kcal	486
Protein equivalent	g	14.3
L-Phenylalanine*	g	–
Carbohydrate	g	51
Sugar	g	5
Total fat	g	25
Saturated fat	g	6.5
Polyunsaturated fat	g	4.5
Linoleic acid	mg	3800
Arachidonic acid (ARA)	mg	200
Alpha linolenic acid	mg	340
Docosahexaenoic acid (DHA)	mg	100
Monounsaturated fat	g	12.5
<b>VITAMINS</b>		
Vitamin A	mcg	460
Vitamin D	mcg	11.5
Vitamin E	mg a TE	7
Vitamin K	mcg	40
Vitamin C	mcg	61
Thiamin	mcg	400
Riboflavin	mcg	500
Niacin	mcg	3300
Vitamin B6	mcg	400
Folic acid	mcg	77
Vitamin B12	mcg	1.2
Biotin	mcg	19
Pantothenic acid	mcg	2500
<b>MINERALS</b>		
Sodium	mg	190
Potassium	mg	505
Chloride	mg	365
Calcium	mg	400
Phosphorus	mg	300
Magnesium	mg	45
Iron	mg	5.8
Zinc	mg	3.5
Copper	mcg	400
Manganese	mcg	250
Selenium	mcg	21
Chromium	mcg	14.5
Molybdenum	mcg	14
Iodine	mcg	106
<b>AMINO ACIDS</b>		
L-Alanine	g	0.6
L-Arginine	g	0.97
L-Aspartic acid	g	1.53
L-Cystine	g	0.39
L-Glutamine	g	1.1
Glycine	g	1.52
L-Histidine	g	0.6
L-Isoleucine	g	1.04
L-Leucine	g	1.64
L-Lysine	g	1.08
L-Methionine	g	0.29
L-Proline	g	1.09
L-Serine	g	0.68
L-Threonine	g	1.06
L-Tryptophan	g	0.33
L-Tyrosine	g	1.54
L-Valine	g	1.21
<b>OTHER</b>		
Taurine	mg	29
L-Carnitine	mg	15
Choline	mg	152
Inositol	mg	60

**Ingredients:** Dried Glucose Syrup, Vegetable Oil (High Oleic Sunflower Oil, Coconut Oil, Canola Oil, Sunflower Oil), less than 2% of: L-Lysine L-Aspartate, L-Leucine, L-Tyrosine, Glycine, L-Arginine, L-Aspartate, L-Valine, L-Glutamine, L-Proline, L-Threonine, L-Isoleucine, Calcium Glycerophosphate, L-Serine, Tri Calcium Phosphate, Potassium Chloride, L-Alanine, L-Histidine, Citric Acids of Mono- and Diglycerides, Glycerol Monostearate, Refined Tuna Oil (Fish), Tri Sodium Citrate, Choline Bitartrate, Tri Potassium Citrate, L-Cystine, L-Tryptophan, Maltodextrin, Magnesium Hydrogen Phosphate, L-Methionine, L-Arginine, Sodium Ascorbate, Sodium Chloride, M. Alpina Oil, Inositol, Potassium Phosphates, Taurine, Zinc Gluconate, L-Carnitine L-Tartrate, Ferrous Sulphate, Tocopherols, Ascorbyl Palmitate, Citric Acid, Retinyl Acetate, Sodium Selenite, Vitamin D3 (Cholecalciferol), Niacinamide, Copper Gluconate, D-Calcium Pantothenate, Biotin, Manganese Gluconate, Chromium Chloride, Potassium Iodide, Vitamin B12 (Cyanocobalamin), Vitamin K (Phylloquinone), Folic Acid, Thiamine Hydrochloride, Riboflavin, Pyridoxine Hydrochloride, Sodium Molybdate.

**Contains:** Fish (Tuna)

**Not suitable for individuals with milk allergy.**

**Osmolality:** 350 mOsm/kg **Osmolarity:** 310 mOsm/L

**Potential Renal Solute Load:** 180mOsm/L

\*no added phenylalanine.

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