



**DESCRIPTION**

**Ready-to-drink Phenylalanine-free Medical Food**

A blend of essential and non-essential amino acids, carbohydrate, docosahexaenoic acid (DHA), vitamins and minerals.

**USE UNDER MEDICAL SUPERVISION**

**INDICATIONS**

For use in the dietary management of Phenylketonuria (PKU) from 3 years of age.

**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.

- Each 87 ml pouch of PKU cooler10 provides 10 g of protein equivalent.
- Each 130 ml pouch of PKU cooler15 provides 15 g of protein equivalent.
- Each 174 ml pouch of PKU cooler20 provides 20 g of protein equivalent.

**PREPARATION GUIDELINES**

Shake well, open, and drink. Best served chilled.

**IMPORTANT:** Water or permitted drinks should be taken after product consumption.

**IMPORTANT NOTICE**

Must only be consumed by people with proven PKU under strict medical supervision.

Diet must be supplemented with natural protein, water, and other nutrients in prescribed quantities to supply phenylalanine, fluid, and general nutrition requirements.

Not for intravenous use.

For enteral use only.

Not for use as a sole source of nutrition.

**STORAGE**

Store in a cool dry place. Once opened, drink immediately or seal cap, refrigerate, and use within 24 hours.

**Ordering and Reimbursement Information**

PKU cooler10		
Flavor	Packaging	Net Weight
Red	30 x 87 ml (2.94 fl oz) pouches	2.6 L (88.2 fl oz) (2.75 qt)
PKU cooler15		
Flavor	Packaging	Net Weight
Orange	30 x 130 ml (4.39 fl oz) pouches	3.9 L (131.8 fl oz) (1.03 gal)
Purple		
Red		
PKU cooler20		
Flavor	Packaging	Net Weight
Orange	30 x 174 ml (5.88 fl oz) pouches	5.2 L (176.5 fl oz) (1.37 gal)
Purple		
Red		

## PKU cooler Nutrition Information

	Units	PKU cooler			
		per 100 ml	per 87 ml (1 pouch)	per 150 ml (1 pouch)	per 174 ml (1 pouch)
Calories	kcal	75	65	97	130
Protein equivalent	g	11.5	10	15	20
Total Carbohydrate	g	5.1	4.4	6.6	8.9
Sugars	g	3.4	3.0	4.4	5.9
Total Fat	g	0.9	0.8	1.2	1.6
Saturated Fat	g	0.2	0.2	0.3	0.3
Docosahexaenoic Acid (DHA)	mg	77	67	100	134
<b>VITAMINS</b>					
Vitamin A	µg RE	133	116	173	231
Vitamin D	µg	5.1	4.4	6.6	8.9
Vitamin E	mg α TE	2.7	2.3	3.5	4.7
Vitamin C	mg	19	17	25	33
Vitamin K	µg	12	10	16	21
Thiamin	mg	0.35	0.30	0.46	0.61
Riboflavin	mg	0.39	0.34	0.51	0.68
Niacin	mg	1.8	1.6	2.3	3.1
Vitamin B6	mg	0.44	0.38	0.57	0.77
Folic acid	µg	51	44	66	89
Vitamin B12	µg	0.82	0.71	1.1	1.4
Biotin	µg	6.7	5.8	8.7	11.6
Pantothenic acid	mg	0.98	0.85	1.3	1.7
Choline	mg	102	89	133	178
<b>MINERALS</b>					
Sodium	mg	60	52	78	104
Potassium	mg	124	108	161	216
Chloride	mg	71	62	92	124
Calcium	mg	210	183	273	365
Phosphorus	mg	190	165	247	331
Magnesium	mg	60	52	78	104
Iron	mg	3.7	3.2	4.8	6.4
Copper	mg	0.37	0.32	0.48	0.64
Zinc	mg	2.8	2.4	3.6	4.9
Manganese	mg	0.25	0.22	0.33	0.44
Iodine	µg	45	39	59	78
Molybdenum	µg	11	10	14	19
Selenium	µg	13	11	17	23
Chromium	µg	7.1	6.2	9.2	12
<b>AMINO ACIDS</b>					
L-Alanine	g	0.53	0.46	0.69	0.92
L-Arginine	g	0.86	0.75	1.12	1.50
L-Aspartic acid	g	1.36	1.18	1.77	2.37
L-Cystine	g	0.35	0.30	0.46	0.61
L-Glutamine	g	0	0	0	0
Glycine	g	1.35	1.17	1.76	2.35
L-Histidine	g	0.53	0.46	0.69	0.92
L-Isoleucine	g	0.93	0.81	1.21	1.62
L-Leucine	g	1.46	1.27	1.90	2.54
L-Lysine	g	0.96	0.84	1.25	1.67
L-Methionine	g	0.26	0.23	0.34	0.45
L-Phenylalanine*	g	0	0	0	0
L-Proline	g	0.97	0.84	1.26	1.69
L-Serine	g	0.60	0.52	0.78	1.04
L-Threonine	g	0.93	0.81	1.21	1.62
L-Tryptophan	g	0.29	0.25	0.38	0.50
L-Tyrosine	g	1.37	1.19	1.78	2.38
L-Valine	g	1.07	0.93	1.39	1.86
L-Carnitine	mg	13	11	17	23
Taurine	mg	25	22	33	44

\*No added phenylalanine.

**Osmolality:** 1550 mOsm/kg

Manufactured in Germany for: Vitaflo USA, LLC.  
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### ORANGE

**Ingredients:** Water, Sugar, L-Lysine L-Aspartate, L-Leucine, L-Tyrosine, Glycine, L-Arginine, L-Aspartate, Malic Acid, L-Valine, L-Proline, L-Threonine, L-Isoleucine, Modified Corn Starch, Soy Lecithin, Calcium Phosphate, L-Serine, L-Alanine, L-Histidine, Glucose Syrup, Magnesium Phosphate, Refined Tuna Oil (Fish), L-Cystine, Choline Bitartrate, Potassium Citrate, L-Tryptophan, Natural and Artificial Flavor, L-Methionine, L-Arginine, Maltodextrin, Salt, Beta Carotene (Color), Ascorbic Acid, Xanthan Gum, Acesulfame Potassium, Sodium Ascorbate, Taurine, Zinc Gluconate, Potassium Sorbate (Preservative), L-Carnitine L-Tartrate, Sodium Benzoate (Preservative), Ferrous Sulfate, DL-Alpha Tocopherol Acetate, Mono- and Diglycerides, Copper Gluconate, Vitamin D3, Manganese Gluconate, Vitamin A Acetate, Niacinamide, Calcium Pantothenate, Sodium Selenite, Vitamin B12, Biotin, Pyridoxine Hydrochloride, Potassium Iodide, Thiamine Hydrochloride, Riboflavin, Vitamin K1, Folic Acid, Sodium Molybdate, Chromium Chloride. **Contains:** Fish (tuna) and Soy.

### RED

**Ingredients:** Water, Sugar, L-Lysine L-Aspartate, L-Leucine, L-Tyrosine, Glycine, L-Arginine L-Aspartate, Malic Acid, L-Valine, L-Proline, L-Threonine, L-Isoleucine, Modified Corn Starch, Natural and Artificial Flavor, Soy Lecithin, Calcium Phosphate, L-Serine, L-Alanine, L-Histidine, Glucose Syrup, Magnesium Phosphate, Refined Tuna Oil (Fish), L-Cystine, Choline Bitartrate, Potassium Citrate, L-Tryptophan, L-Methionine, L-Arginine, Salt, Maltodextrin, Carmine (Color), Ascorbic Acid, Xanthan Gum, Acesulfame Potassium, Sodium Ascorbate, Taurine, Zinc Gluconate, Potassium Sorbate (Preservative), L-Carnitine L-Tartrate, Sodium Benzoate (Preservative), Ferrous Sulfate, DL-Alpha Tocopherol Acetate, Mono- and Diglycerides, Copper Gluconate, Vitamin D3, Manganese Gluconate, Vitamin A Acetate, Niacinamide, Calcium Pantothenate, Sodium Selenite, Vitamin B12, Biotin, Pyridoxine Hydrochloride, Potassium Iodide, Thiamine Hydrochloride, Riboflavin, Vitamin K1, Folic Acid, Sodium Molybdate, Chromium Chloride. **Contains:** Fish (tuna) and Soy.

### PURPLE

**Ingredients:** Water, Sugar, L-Lysine L-Aspartate, L-Leucine, L-Tyrosine, Glycine, L-Arginine L-Aspartate, Malic Acid, L-Valine, L-Proline, L-Threonine, L-Isoleucine, Modified Corn Starch, Soy Lecithin, Calcium Phosphate, L-Serine, L-Alanine, L-Histidine, Glucose Syrup, Magnesium Phosphate, Refined Tuna Oil (Fish), L-Cystine, Choline Bitartrate, Potassium Citrate, Grape Skin Extract (Color), L-Tryptophan, L-Methionine, L-Arginine, Natural and Artificial Flavor, Maltodextrin, Salt, Ascorbic Acid, Xanthan Gum, Acesulfame Potassium, Sodium Ascorbate, Taurine, Zinc Gluconate, Potassium Sorbate (Preservative), L-Carnitine L-Tartrate, Sodium Benzoate (Preservative), Ferrous Sulfate, DL-Alpha Tocopherol Acetate, Mono- and Diglycerides, Copper Gluconate, Vitamin D3, Manganese Gluconate, Vitamin A Acetate, Niacinamide, Calcium Pantothenate, Sodium Selenite, Vitamin B12, Biotin, Pyridoxine Hydrochloride, Potassium Iodide, Thiamine Hydrochloride, Riboflavin, Vitamin K1, Folic Acid, Chromium Chloride, Sodium Molybdate. **Contains:** Fish (tuna) and Soy.



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