

KetoCal 3:1

A nutritionally complete, unflavoured, powdered feed, very high in fat and low in carbohydrate, for use in the ketogenic diet

Features

- 0.66kcal/ml (9.5% w/v concentration)
- 3:1 ketogenic diet ratio (3g fat to 1g of protein and carbohydrate)
- Supplemented with long chain polyunsaturated fatty acids (DHA* and AA**)
- Contains a blend of oils, milk protein, amino acids, carbohydrate, vitamins, minerals and trace elements
- Can be used orally as a drink or meal replacement
- Provides complete nutritional support as a tube feed (for ages 0-6 years)
- Can be combined with regular food as an ingredient in cooking
- Unflavoured

Indications

- KetoCal 3:1 can be used to provide complete nutrition from birth to six years or as a supplement for children over six years of age to administer the 3:1 ketogenic diet for the dietary management of intractable epilepsy

Important Notice

- Patients should be monitored closely for hypoglycaemia, renal stones, adequate growth and hyperlipidemia
- Infant formula is not sterile. Formula should be prepared immediately before use
- Not for parenteral use
- Professional advice should be followed before using an infant formula. Introducing partial bottle feeding could negatively affect breastfeeding. Good maternal nutrition is important for breastfeeding and reversing a decision not to breastfeed may be difficult. Infant formula should be used as directed. Proper use of an infant formula is important to the health of the infant. Social and financial implications such as preparation requirements and the cost of providing formula up to the age of 12 months should be considered when selecting a method of feeding

* Docosahexaenoic acid

** Arachidonic acid



Directions for Use

- The quantity of feed should be determined by a clinician or dietitian only and is dependent on the age, bodyweight and medical condition of the patient
- Follow preparation instructions as stated on the can
- The recommended feed concentration is 9.5% w/v i.e. 9.5g KetoCal 3:1 made up to 100ml with water. A lower concentration may initially be required until recommended concentration is tolerated
- KetoCal 3:1 must be made up with hot water to fully dissolve (45-50°C)

Storage

- Store can in a cool, dry place
- Always replace the container lid after use
- Once can is opened, use within one month
- Unopened shelf life is 12 months

PBS Prescribing Details

- Restricted Benefit
 - Patients with intractable seizures requiring treatment with a ketogenic diet
 - Glucose transport protein defects
 - Pyruvate dehydrogenase deficiency
 - Note: KetoCal 3:1 should only be used under strict supervision of a dietitian, together with a metabolic physician and/or neurologist

Maximum quantity of KetoCal 3:1	PBS Code	Maximum repeats
24 x 300g can	2652N	5

A food for special medical purposes; must be used under strict medical supervision

For more information call the
Nutricia Clinical Care Line **1800 060 051**

NUTRICIA
Advanced Medical Nutrition

KetoCal 3:1

Nutrition Information		Per 100g	Per 100ml*
Energy	kcal	699	66
	kJ	2887	274
Protein	g	15.3	1.5
Carbohydrate	g	7.2	0.68
Sugars	g	6	0.57
as Lactose	g	5.8	0.55
Fat	g	67.7	6.4
Saturates	g	25.5	2.4
Monounsaturates	g	22.3	2.1
Polyunsaturates	g	16.6	1.6
DHA	mg	116	11
AA	mg	116	11
ω6 / ω3 ratio		9:1	
Fibre	g	nil added	nil added

Minerals		Per 100g	Per 100ml*
Sodium	mg	315	29.9
	mmol	13.7	1.3
Potassium	mg	993	94.3
	mmol	25.4	2.4
Calcium	mg	838	79.6
Phosphorus	mg	559	53.1
Magnesium	mg	105	10
Chloride	mg	481	45.7
Ca:P ratio		1.5:1	

*When prepared at recommended concentration 9.5% w/v

Vitamins		Per 100g	Per 100ml*
Vitamin A	µg RE	525	49.9
Vitamin D	µg	12.7	1.2
Vitamin E	mg α-TE	7.9	0.75
Vitamin K	µg	55.9	5.3
Vitamin C	mg	84	8
Thiamin	mg	0.7	0.07
Riboflavin	mg	0.7	0.07
Niacin	mg NE	11.2	1.1
Vitamin B6	mg	0.7	0.07
Vitamin B12	µg	1.4	0.13
Folic Acid	µg	140	13.3
Pantothenic Acid	mg	2.8	0.27
Biotin	µg	13.9	1.3

Trace Elements		Per 100g	Per 100ml*
Iron	mg	12	1.1
Zinc	mg	8.2	0.78
Manganese	mg	0.63	0.06
Copper	µg	830	78.9
Iodine	µg	124	11.8
Molybdenum	µg	34.4	3.3
Selenium	µg	21	2
Chromium	µg	28.8	2.7

Other		Per 100g	Per 100ml*
Choline	mg	180	17.1
Inositol	mg	153	14.5
Osmolality	mOsmol/kg H ₂ O		100

Ingredients: refined vegetable oils (palm, soy, sunflower), **milk** protein (casein, whey), lactose (from **milk**), calcium phosphate tribasic, tripotassium citrate, dried glucose syrup, potassium chloride, calcium phosphate dibasic, magnesium acetate, choline bitartrate, L-cystine, high arachidonic acid single cell vegetable oil, high docosahexaenoic acid single cell vegetable oil, L-tryptophan, M-inositol, ferrous sulphate, sodium caseinate (from cow's **milk**), sodium chloride, sodium ascorbate, L-ascorbic acid, L-carnitine, taurine, emulsifier (E471), zinc sulphate, DL-alpha tocopheryl acetate, nicotinamide, emulsifier (**soya** lecithin), calcium-D-pantothenate, copper sulphate, manganese sulphate, thiamin hydrochloride, pyridoxine hydrochloride, riboflavin, vitamin A acetate, antioxidants (E304, E306), potassium iodide, folic acid, chromium chloride, sodium molybdate, vitamin K₁, sodium selenite, D-biotin, vitamin D₃, cyanocobalamin