



COW & GATE HYDROLYSED NUTRIPREM

DESCRIPTION

Cow & Gate hydrolysed nutriprem is a food for special medical purposes, for the dietary management of preterm and low birthweight infants who require hydrolysed protein. Hydrolysed nutriprem contains extensively hydrolysed protein, which may be suitable for preterm infants who have a compromised ability to break down or absorb whole proteins or who are not tolerating standard preterm formulas. Hydrolysed nutriprem preterm formula has been developed and formulated in line with the ESPGHAN 2010 recommendations for infants weighing 1–1.8kg¹. It contains milk fat, which is currently not contained in other preterm formulas in the UK, long chain polyunsaturated fatty acids (AA & DHA), nucleotides, vitamins and minerals to meet the requirements of preterm infants, which should reduce the need for additional nutrient supplementation¹.

PRESCRIBABILITY

Cow & Gate hydrolysed nutriprem is a food for special medical purposes, for the dietary management of preterm and low birthweight infants who require hydrolysed protein. For hospital use only.

CONTRA-INDICATIONS

- i. Not suitable for intravenous use.
- ii. Cow & Gate hydrolysed nutriprem should only be used under the close medical supervision of a dietitian or neonatologist.
- iii. The levels of most vitamins and minerals in Cow & Gate hydrolysed nutriprem are higher than in infant milks and additional supplements are not usually necessary

IMPORTANT NOTICE

Breastfeeding is best for babies. Cow & Gate hydrolysed nutriprem is a food for special medical purposes for the dietary management of preterm and low birthweight infants who require hydrolysed protein. It should only be used under medical supervision, after full consideration of the feeding options available including breastfeeding. Suitable for use as the sole source of nutrition for preterm and low birthweight infants from birth.

PACK FORMATS

Cow & Gate hydrolysed nutriprem is available in a ready-to-feed liquid format. 90ml bottles are supplied in boxes of 24.

SHELF-LIFE

6 months. Best before date: see top of pack

PREPARATION AND STORAGE

All Cow & Gate products carry preparation instructions. Please see packaging for further information. The hydrolysed nature of this product means the contents will settle, so the bottle needs to be shaken well before use.

Once opened, unused milk can be kept refrigerated for max. 8 hours. For hygiene reasons, if fed from the 90ml ready-to-feed bottle, discard contents within 1 hour of opening. Store ready-to-feed bottles in a cool, dry place away from sunlight before opening.

INGREDIENTS

Water, Whey protein hydrolysate (from **milk**), Maltodextrin, Lactose (from **milk**), Vegetable oils (High oleic sunflower oil, Rapeseed oil, Sunflower oil, Medium chain triglycerides (Coconut oil, Palm oil), Evening primrose oil), Caseinate hydrolysate (from **milk**), Emulsifiers (Citric acid esters of mono and diglycerides of fatty acids, **Soy** lecithin), Anhydrous **milk** fat, Phospholipid (from **egg**), Calcium phosphate, Sodium chloride, **Fish** oil, Acidity regulator (Citric acid), Vitamin C, Oil from *Mortierella alpina*, Inositol, Magnesium hydrogen phosphate, Choline chloride, Potassium chloride, Vitamin E, Iron lactate, Taurine, Calcium chloride, Zinc sulphate, Niacin, Cytidine 5'-monophosphate, L-Carnitine, Uridine 5'-monophosphate sodium salt, Pantothenic acid, Inosine 5'-monophosphate sodium salt, Vitamin A, Adenosine 5'-monophosphate, Guanosine 5'-monophosphate sodium salt, Thiamin, Riboflavin, Vitamin B₆, Copper sulphate, Folic acid, Potassium iodide, Vitamin K₁, Sodium selenite, Manganese sulphate, Biotin, Vitamin D₃, Vitamin B₁₂.

ALLERGY ADVICE

For allergens, see ingredients in **bold**.

DIETARY INFORMATION

Halal certified
Not suitable for vegetarians

PDS: 1008119_V1



This information is intended for healthcare professional use only

DATA CARD

COW & GATE HYDROLYSED NUTRIPREM

TYPICAL VALUES	UNITS	Per 100ml	Per 100kcal
ENERGY			
	kJ	335	1419
	kcal	80	100
Fat	g	4.0	5.0
of which, saturates	g	1.2	1.5
of which, mono-unsaturates	g	2.2	2.7
of which, polyunsaturates	g	0.6	0.8
of which, LCPs [†]	g	0.046	0.058
- Arachidonic acid (AA)	g	0.020	0.025
- Docosahexaenoic acid (DHA)	g	0.020	0.025
of which, MCT [‡]	g	0.29	0.36
Carbohydrate	g	8.4	10.5
of which, sugars	g	5.2	6.5
of which, lactose	g	5.04	6.3
of which, polyols	g	0.024	0.03
- Inositol	g	0.024	0.03
Fibre	g	0	0
Protein*	g	2.6	3.3
of which, whey	g	1.5	1.9
of which, casein	g	1.1	1.3
Salt	g	0.19	0.24

VITAMINS

Vitamin A	µg	366	458
Vitamin D ₃	µg	3.1	3.9
Vitamin E	mg TE	4.6	5.8
Vitamin K ₁	µg	6.7	8.4
Vitamin C	mg	20	25
Thiamin (B ₁)	mg	0.17	0.21
Riboflavin (B ₂)	mg	0.21	0.26
Niacin (B ₃)	mg	2.4	3.0
Vitamin B ₅	mg	0.12	0.15
Folate	µg	58	73
Vitamin B ₁₂	µg	0.20	0.25
Biotin	µg	3.6	4.5
Pantothenic acid	mg	0.84	1.05

MINERALS

Sodium	mg/mmol	77 / 3.3	96 / 4.2
Potassium	mg/mmol	87 / 2.2	109 / 2.8
Chloride	mg/mmol	78 / 2.2	98 / 2.8
Calcium	mg/mmol	97 / 2.4	121 / 3
Phosphorus	mg	54	68
Phosphate	mmol	1.7	2.2
Magnesium	mg/mmol	8 / 0.3	10 / 0.4
Iron	mg	1.6	2.0
Zinc	mg	1.1	1.3
Copper	mg	0.082	0.103
Manganese	mg	0.006	0.008
Fluoride	mg	≤0.007	≤0.009
Selenium	µg	4.5	5.6
Chromium	µg	≤7	≤9
Molybdenum	µg	≤7	≤9
Iodine	µg	27	34

OTHERS

L-Carnitine	mg	2.1	2.6
Choline	mg	26	32
Taurine	mg	5.5	6.9
Nucleotides	mg	3.4	4.3
Osmolarity	mOsmol/l		365
Osmolality	mOsmol/kg H ₂ O		410
Potential renal solute load	mOsmol/l		240

FATTY ACID COMPOSITION		G/100G FATTY ACIDS
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SATURATED

Butyric acid	C4:0	0.64
Caproic acid	C6:0	0.45
Caprylic acid	C8:0	3.15
Capric acid	C10:0	2.53
Lauric acid	C12:0	1.02
Myristic acid	C14:0	2.68
Palmitic acid	C16:0	11.7
Stearic acid	C18:0	4.54
Arachidic acid	C20:0	0.29
Behenic acid	C22:0	0.53
Lignoceric acid	C24:0	0.21

UNSATURATED

Palmitoleic acid	C16:1 (n-7)	0.69
Oleic acid	C18:1 (n-9)	52.2
Linoleic acid (LA)	C18:2 (n-6)	12.9
Alpha-linolenic acid (ALA)	C18:3 (n-3)	1.62
Gamma-linolenic acid (GLA)	C18:3 (n-6)	0.22
Stearidonic acid (STA)	C18:4 (n-3)	0.01
Eicosaenoic acid	C20:1 (n-9)	0.33
Dihomo-gamma-linolenic acid	C20:3 (n-6)	0.04
Arachidonic acid (AA)	C20:4 (n-6)	0.52
Eicosapentaenoic acid (EPA)	C20:5 (n-3)	0.10
Erucic acid	C22:1 (n-9)	0.07
Docosapentaenoic acid	C22:5 (n-3)	0.02
Docosahexaenoic acid (DHA)	C22:6 (n-3)	0.52
Nervonic acid	C24:1 (n-9)	0.06
LA:ALA	Ratio	7.94:1

AMINO ACID COMPOSITION	G/100G PROTEIN
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L-alanine	4.4
L-arginine	3.2
L-aspartic acid	10
L-cysteine	1.9
L-glutamic acid	21.1
Glycine	1.9
L-histidine	2.3
L-isoleucine	5.5
L-leucine	10.9
L-lysine	9.7
L-methionine	2.4
L-phenylalanine	3.9
L-proline	7.2
L-serine	5.2
L-threonine	5.3
L-tryptophan	1.4
L-tyrosine	4.0
L-valine	5.8

[†]Long chain polyunsaturated fatty acids.

[‡]Medium chain triglycerides

*Extensively hydrolysed cow's milk protein

Details correct as of December 2019.