

FOR HEALTHCARE PROFESSIONAL USE ONLY

SMA LF Lactose Free Formula – From birth onwards data card

Suitable for:

SMA LF Lactose Free Formula is a nutritionally complete formula, which is suitable as a sole source of nutrition for infants up to 6 months of age or as part of a mixed weaning diet. It may be used in older children and adults with lactose intolerance as part of a lactose free diet.

SMA LF Lactose Free Formula is categorised under EC legislation as a Food for Special Medical Purposes 1999/21/EC (FSMP) (these regulations are known as Medical Foods Regulations in England and Wales). It is designed for the dietary management of primary and secondary lactose intolerance in infants and young children. SMA LF Lactose Free Formula is a lactose free formula, based on infant milk from which the lactose has been removed.

Not suitable for:

1. Cows' milk protein intolerance/allergy
2. Inborn errors of metabolism such as phenylketonuria, galactosaemia and galactokinase deficiency.

Shelf life:

SMA LF Lactose Free Formula powder has a shelf life of 24 months.



430 g



- Halal approved
- Suitable for vegetarians
- ACBS[†] approved (available on prescription)



430 g

Important notice:

Breast milk is best for babies and breastfeeding should continue for as long as possible. **This product must be used under medical supervision.** SMA LF is a lactose-free milk based formula for the dietary management of babies and young children who are intolerant to lactose or sucrose, or who are suffering from symptoms such as diarrhoea, tummy ache or wind caused by temporary lactose intolerance. It is suitable as the sole source of nutrition up to 6 months of age, and in conjunction with solid food up to 18 months of age. SMA LF is not suitable for those who are allergic to cows' milk protein, or who suffer from galactosaemia or require a galactose free diet.



We're here for you

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Updated January 2015
[†]Advisory Committee on Borderline Substances
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ZTC529/01/15

Nutritional information for SMA LF Lactose Free Formula

	Units	Per 100 ml	Per 100 kcal	Per 100 g powder
Energy				
	kJ	281	418	2162
	kcal	67	100	517
Fat	g	3.6	5.4	28
of which, saturates	g	1.4	2.1	11
Carbohydrate	g	7.2	11	55
of which, sugars	g	2.6	3.9	20
of which, lactose	mg	<6.7	<10	<52
Protein	g	1.5	2.2	12
Salt* (=Sodium x 2.5)	g	0.04	0.06	0.31
Vitamins				
Vitamin A	µg	75	112	577
Vitamin D	µg	1.2	1.8	9.2
Vitamin E	mg	0.74	1.1	5.7
Vitamin K	µg	6.7	10	52
Vitamin C	mg	9	13	69
Thiamine	mg	0.1	0.15	0.77
Riboflavin	mg	0.15	0.22	1.2
Niacin	mg	0.5	0.74	3.8
Vitamin B₆	mg	0.06	0.09	0.46
Folic acid	µg	8	12	62
Vitamin B₁₂	µg	0.2	0.3	1.5
Biotin	µg	2	3	15
Pantothenic acid	mg	0.3	0.45	2.3
Minerals				
Sodium	mg	16	24	123
Potassium	mg	70	104	538
Chloride	mg	43	64	333
Calcium	mg	55	82	423
Phosphorus	mg	37	54	282
Magnesium	mg	6	8.9	46
Iron	mg	0.8	1.2	6.2
Zinc	mg	0.6	0.89	4.6
Copper	mg	0.03	0.05	0.26
Manganese	mg	0.05	0.06	0.32
Fluoride	mg	0.003	0.004	0.02
Selenium	µg	1.4	2.1	11
Chromium	µg	<6.7	<10	<52
Molybdenum	µg	<6.7	<10	<52
Iodine	µg	10	15	77
Others				
Taurine	mg	4.7	7	36
Choline	mg	10	15	77
Inositol	mg	13	19	100
L-Carnitine	mg	3.7	5.5	28
Nucleotides	mg	2.6	3.9	20
Docosahexaenoic acid (DHA)**	mg	7.1	11	55
Arachidonic acid (AA)**	mg	12	18	95

Typical fatty acid profile of SMA LF Lactose Free Formula

Fatty Acid		Units	Per 100 ml
Saturated			
Caprylic	C8:0	mg	54
Capric	C10:0	mg	43
Lauric	C12:0	mg	320
Myristic	C14:0	mg	140
Palmitic	C16:0	mg	710
Stearic	C18:0	mg	122
Arachidic	C20:0	mg	9
Behenic	C22:0	mg	12
Total saturated		g	1.49
Unsaturated/Monounsaturated			
Palmitoleic	C16:1	mg	4.5
Oleic	C18:1	mg	1393
Eicosanoic	C20:1	mg	5
Total monounsaturated		g	1.4
Polyunsaturated			
Linoleic	C18:2	mg	700
Linolenic	C18:3	mg	50
Total polyunsaturated		g	0.8
Linoleic: linolenic ratio			14:1

Typical amino acid profile of SMA LF Lactose Free Formula

Amino Acid	mg per 100 ml
Essential & Semi-Essential Amino Acids	
Arginine	45
Cystine	24
Histidine	39
Isoleucine	81
Leucine	153
Lysine	124
Methionine	35
Phenylalanine	65
Threonine	86
Tryptophan	25
Tyrosine	53
Valine	90
Other Amino Acids	
Aspartic acid	146
Serine	90
Glutamic acid	299
Proline	121
Glycine	30
Alanine	62

mmol information for SMA LF Lactose Free Formula

Nutrient	Per 100 g powder (mmol)	Per 100 ml (mmol)
Calcium	11	1.4
Phosphate	9.1	1.2
Iron	0.11	0.01
Magnesium	1.9	0.25
Zinc	0.07	0.01
Sodium	5.4	0.7
Potassium	14	1.8
Chloride	9.4	1.2

SMA LF Lactose Free Formula ingredients

Dried glucose syrup, vegetable oils (palm, soya, coconut, sunflower), whey protein concentrate (milk), potassium chloride, sodium phosphate, potassium phosphate, emulsifier (soya lecithin), calcium carbonate, potassium bicarbonate, calcium phosphate, sodium citrate, magnesium phosphate, long chain polyunsaturated fatty acids (AA, DHA), calcium chloride, calcium citrate, calcium hydroxide, inositol, choline chloride, vitamin C, magnesium carbonate, taurine, potassium hydroxide, L-carnitine, ferrous sulphate, nucleotides (cytidine-, disodium uridine-, adenosine-, disodium inosine-, disodium guanosine-5'-monophosphate), zinc sulphate, antioxidants (tocopherol-rich extract, ascorbyl palmitate), vitamin E, niacin, vitamin A, pantothenic acid, riboflavin, copper sulphate, manganese sulphate, thiamin, vitamin B₆, vitamin D, potassium iodide, folic acid, vitamin K, biotin, sodium selenite, vitamin B₁₂.

Osmolality: 204 mOsm/kg H₂O

**LCPs= Long Chain Polyunsaturates.

*Salt is calculated as sodium x 2.5. Sodium is present for nutritional purposes.