

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. 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.



400 g

INFORMATION FOR HEALTHCARE PROFESSIONAL USE ONLY

SMA LF® LACTOSE FREE FORMULA

From birth onwards data card



- Suitable for Halal
- Available on prescription

IMPORTANT NOTICE: The World Health Organisation (WHO) has recommended that pregnant women and new mothers be informed on the benefits and superiority of breastfeeding – in particular the fact that it provides the best nutrition and protection from illness for babies. Mothers should be given guidance on the preparation for, and maintenance of, lactation, with special emphasis on the importance of a well-balanced diet both during pregnancy and after delivery. Unnecessary introduction of partial bottle-feeding or other foods and drinks should be discouraged since it will have a negative effect on breastfeeding. Similarly, mothers should be warned of the difficulty of reversing a decision not to breastfeed. Before advising a mother to use an infant formula, she should be advised of the social and financial implications of her decision: for example, if a baby is exclusively bottle-fed, more than one can (400 g) per week will be needed, so the family circumstances and costs should be kept in mind. Mothers should be reminded that breast milk is not only the best, but also the most economical food for babies. If a decision to use a formula is taken, it is important to give instructions on correct preparation methods, emphasising that unboiled water, unsterilised bottles or incorrect dilution can all lead to illness. **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 experiencing 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.

We're here for you
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Updated September 2018
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Nutritional information for SMA LF® Lactose Free Formula

	Units	Per 100 ml	Per 100 kcal	Per 100 g powder
Energy				
	kJ	281	418	2127
	kcal	67	100	508
Fat	g	3.4	5	25.4
of which, saturates	g	0.8	1.2	5.9
Carbohydrate	g	7.8	11.7	59.4
of which, sugars	g	1.1	1.7	8.6
of which, lactose	mg	≤6.7	<10	≤50
Protein	g	1.4	2.0	10.4
of which, casein	g	0.54	0.8	4.1
of which, whey	g	0.82	1.2	6.2
Salt* (= Sodium x 2.5)	g	0.05	0.08	0.4
Vitamins				
Vitamin A	µg	80.5	120	610
Vitamin D	µg	1	1.5	7.6
Vitamin E	mg	1.5	2.3	11.5
Vitamin K	µg	5.3	7.9	40
Vitamin C	mg	12.5	18.7	95
Thiamin	mg	0.07	0.1	0.5
Riboflavin	mg	0.08	0.12	0.6
Niacin	mg	0.75	1.12	5.7
Vitamin B₆	mg	0.05	0.07	0.35
Folic acid	µg	11.6	17.3	88
Vitamin B₁₂	µg	0.13	0.2	1
Biotin	µg	1.5	2.2	11.4
Pantothenic acid	mg	0.7	1.02	5.2
Minerals				
Sodium	mg	21	31	160
Potassium	mg	69	103	525
Chloride	mg	45	67	340
Calcium	mg	41.5	62	315
Phosphorus	mg	25	37	190
Magnesium	mg	4	5.9	30
Iron	mg	0.74	1.1	5.6
Zinc	mg	0.53	0.8	4
Copper	mg	0.05	0.08	0.39
Manganese	mg	0.015	0.02	0.11
Fluoride	mg	≤0.008	≤0.01	≤0.06
Selenium	µg	1.7	2.5	12.8
Chromium	µg	≤2.6	≤3.9	≤20
Molybdenum	µg	≤2	≤3	≤15
Iodine	µg	9.2	14	70
Others				
Taurine	mg	4.5	6.7	34
Choline	mg	7.4	11	56
Inositol	mg	9.2	14	70
L-carnitine	mg	1.2	1.8	9
Nucleotides	mg	2.2	3.3	17
Omega 3				
Docosahexaenoic acid (DHA) ^{††}	mg	7.4	11	56
Omega 6				
Arachidonic acid (AA) ^{††}	mg	7.4	11	56

Theoretical fatty acid profile of SMA LF® Lactose Free Formula

Fatty Acid		Units	Per 100 ml
Saturated			
Caprylic	C8:0	mg	46
Capric	C10:0	mg	46
Lauric	C12:0	mg	274
Myristic	C14:0	mg	100
Palmitic	C16:0	mg	178
Stearic	C18:0	mg	113
Arachidic	C20:0	mg	0.4
Behenic	C22:0	mg	17
Total saturated		g	0.8
Unsaturated/Monounsaturated			
Palmitoleic	C16:1	mg	1.9
Oleic	C18:1	mg	1717
Eicosenoic	C20:1	mg	6
Total monounsaturated		g	1.7
Polyunsaturated			
Linoleic	C18:2	mg	541
Linolenic	C18:3	mg	42
Arachidonic	C20:4	mg	7.4
Docosahexaenoic	C22:6	mg	7.4
Total polyunsaturated		g	0.6
Linoleic: linolenic ratio			13:1

Theoretical amino acid profile of SMA LF® Lactose Free Formula

Amino Acid	mg per 100 ml
Essential & Semi-Essential Amino Acids	
Arginine	42
Cystine	30
Histidine	34
Isoleucine	75
Leucine	165
Lysine	130
Methionine	37
Phenylalanine	84
Threonine	68
Tryptophan	26
Tyrosine	65
Valine	80
Other Amino Acids	
Aspartic acid	138
Serine	60
Glutamic acid	264
Proline	99
Glycine	24
Alanine	57

mmol information for SMA LF® Lactose Free Formula

Nutrient	Per 100 g powder (mmol)	Per 100 ml (mmol)
Calcium	7.9	1.0
Phosphate	6.1	0.8
Iron	0.1	0.01
Magnesium	1.2	0.2
Zinc	0.06	0.01
Sodium	7.0	0.9
Potassium	13.5	1.8
Chloride	9.6	1.3

SMA LF® Lactose Free Formula ingredients

Powder (400 g): Glucose syrup, vegetable oils (sunflower, coconut, rapeseed), **milk** proteins, minerals (calcium citrate, potassium chloride, sodium phosphate, magnesium oxide, potassium citrate, ferrous sulphate, zinc sulphate, copper sulphate, manganese sulphate, potassium iodide, sodium selenate), emulsifier (**soya** lecithin), long chain polyunsaturated fatty acids (AA, DHA (**fish**)), L-phenylalanine, vitamins (C, pantothenic acid, niacin, E, thiamin, A, riboflavin, B₆, folic acid, K, biotin, D, B₁₂), choline bitartrate, inositol, taurine, nucleotides (cytidine-, disodium uridine-, adenosine, disodium guanosine-5'-monophosphate), L-histidine, antioxidants (tocopherol-rich extract, ascorbyl palmitate), L-carnitine.

Scoop size: 4.4 g

Whey: Casein ratio: 60:40

Potential Renal Solute Load: 127 mOsm/l

Reconstitution rate: 13.2 g powder/100 ml water

Lactose: ≤0.05 g/100 g powder (Clinically Lactose Free)

Osmolality: 182 mOsm/Kg H₂O (powder)

Osmolarity: 163 mOsm/L (powder)

* Salt is calculated as sodium x 2.5.
Sodium is present for nutritional purposes.
^{††}LCPs= Long Chain Polyunsaturates.

