

Suitable for:

SMA LF® Lactose Free Infant Milk

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 is designed for the dietary management of primary and secondary lactose intolerance in infants.

SMA LF® Lactose Free Infant Milk is a lactose free formula, based on infant milk from which the lactose has been removed.

Not suitable for:

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

Shelf life:

SMA LF® Lactose Free Infant Milk

powder has a shelf life of 24 months.



400 g

INFORMATION FOR HEALTHCARE PROFESSIONAL USE ONLY

SMA LF® LACTOSE FREE INFANT MILK

From Birth to 12 Months Data Card



- ☒ Halal Certified
- ☒ Available on prescription
- ☒ No palm oil
- ☒ No fish oil

IMPORTANT NOTICE: We believe that breastfeeding is the ideal nutritional start for babies and we fully support the World Health Organization's recommendation of exclusive breastfeeding for the first six months of life followed by the introduction of adequate nutritious complementary foods along with continued breastfeeding up to two years of age. We also recognise that breastfeeding is not always an option for parents. We recommend that healthcare professionals inform parents about the advantages of breastfeeding. If parents consider not to breastfeed, healthcare professionals should inform parents that such a decision can be difficult to reverse and that the introduction of partial bottle-feeding will reduce the supply of breast milk. Parents should consider the social and financial implications of the use of infant formula. As babies grow at different rates, healthcare professionals should advise on the appropriate time for a baby to begin eating complementary foods. Infant formula and complementary foods should always be prepared, used and stored as instructed on the label in order to avoid risks to a baby's health. **SMA LF®** is a lactose free milk based formula for babies 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 12 months of age.

sma
Nutrition
Careline

UK 0800 081 81 80
www.smahcp.co.uk
ROI 1800 931 832
www.smahcp.ie

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INFORMATION FOR HEALTHCARE PROFESSIONAL USE ONLY

Nutrition information for SMA LF® Lactose Free Infant Milk

	Units	Per 100 g powder	Per 100 ml prepared feed	Per 100 kcal
Energy				
	kJ	2113	280	418
	kcal	505	67	100
Fat				
	g	25.5	3.4	5.1
of which, saturates	g	2.4	0.3	0.48
of which, mono-unsaturates	g	16	2.1	3.2
of which, polyunsaturates	g	4.7	0.6	0.9
of which, omega 3:				
α-linolenic Acid (ALA)	mg	370	49	73
Docosahexaenoic Acid (DHA)	mg	120	16	24
of which, omega 6:				
Linoleic Acid (LA)	mg	4100	544	812
Arachidonic Acid (AA)	mg	120	16	24
Carbohydrate				
	g	59	7.9	11.7
of which, sugars	g	8.2	1.1	1.6
of which, lactose	mg	<50	<6.6	<10
Protein				
	g	9.7	1.3	1.9
of which, casein	g	3.7	0.5	0.7
of which, whey	g	5.9	0.8	1.2
Vitamins				
Vitamin A	µg	400	53	79
Vitamin D	µg	11.2	1.5	2.2
Vitamin E	mg	16.8	2.2	3.3
Vitamin K	µg	40	5.3	7.9
Vitamin C	mg	87	11.5	17.2
Thiamin	mg	0.48	0.06	0.1
Riboflavin	mg	0.5	0.07	0.1
Niacin	mg	3.7	0.49	0.73
Vitamin B6	mg	0.24	0.03	0.05
Folate (DFE)**	µg	160	21.2	31.7
Vitamin B12	µg	1.3	0.17	0.26
Biotin	µg	10	1.3	1.98
Pantothenic Acid	mg	2.7	0.36	0.54
Minerals				
Sodium	mg	180	24	36
Potassium	mg	650	86	129
Chloride	mg	405	54	80
Calcium	mg	310	41	61
Phosphorus	mg	215	29	43
Magnesium	mg	40	5.3	7.9
Iron	mg	5.5	0.73	1.1
Zinc	mg	3.2	0.42	0.6
Copper	mg	0.4	0.05	0.08
Manganese	mg	0.14	0.02	0.03
Fluoride	mg	<0.06	<0.01	<0.01
Selenium	µg	27	3.6	5.3
Iodine	µg	90	12	17.8
Others				
Taurine	mg	30	4.0	5.9
Choline	mg	180	24	35.6
Inositol	mg	35	4.6	6.9
L-Carnitine	mg	9	1.2	1.8
Nucleotides	mg	17	2.3	3.4

Fatty acid profile of SMA LF® Lactose Free Infant Milk

Fatty Acid		Units	Per 100 ml
Saturated			
Lauric	C12:0	mg	0.4
Myristic	C14:0	mg	3.7
Pentadecanoic	C15:0	mg	0.3
Palmitic	C16:0	mg	166.5
Stearic	C18:0	mg	92.9
Arachidic	C20:0	mg	10
Behenic	C22:0	mg	24.3
Lignoceric	C24:0	mg	14.1
Total saturated		g	0.3
Monounsaturated			
Palmitoleic	C16:1	mg	1.5
Oleic	C18:1	mg	2164.9
Eicosenoic/Gondoic	C20:1	mg	12.7
Erucic	C22:1	mg	3.2
Total monounsaturated		g	2.2
Polyunsaturated			
Linoleic	C18:2	mg	544
Linolenic	C18:3	mg	49
Arachidonic	C20:4	mg	16
Docosahexaenoic	C22:6	mg	16
Total polyunsaturated		g	0.6
Linoleic:linolenic ratio			11.1:1

Amino acid profile for SMA LF® Lactose Free Infant Milk

Amino Acid	mg per 100 ml
Essential Amino Acids	
Histidine	38
Isoleucine	70
Leucine	146
Lysine	126
Methionine	31
Phenylalanine	75
Threonine	61
Tryptophan	29
Valine	75
Other Amino Acids	
Alanine	53
Arginine	40
Aspartic Acid	124
Cystine	29
Glutamic Acid	242
Glycine	23
Proline	92
Serine	59
Tyrosine	59

mmol information for SMA LF® Lactose Free Infant Milk

Nutrient	Per 100 g powder (mmol)	Per 100 ml (mmol)
Calcium	7.8	1
Phosphate	6.9	0.9
Magnesium	1.7	0.2
Iron	0.1	0.01
Zinc	0.05	0.01
Sodium	7.8	1
Potassium	16.7	2.2
Chloride	11.6	1.5

SMA LF® Lactose Free Infant Milk ingredients

Powder (400 g): Glucose syrup, vegetable oils (sunflower, rapeseed), whey protein (**MILK**), potassium caseinate (**MILK**), calcium citrate, potassium chloride, emulsifier (**SOYA** lecithin), sodium phosphate, choline birtartrate, oil from *Mortierella alpina* (AA), oil from *Schizochytrium sp.* (DHA), sodium citrate, L-phenylalanine, vitamin C, potassium hydroxide, magnesium oxide, L-histidine, potassium citrate, acidity regulator (citric acid), taurine, L-tryptophan, ferrous sulphate, inositol, vitamin E, L-carnitine, zinc sulphate, disodium uridine 5'-monophosphate, cytidine 5'-monophosphate, antioxidant (tocopherol-rich extract), adenosine 5'-monophosphate, nicotinamide, calcium D-pantothenate, disodium guanosine-5'-monophosphate, copper sulphate, thiamin, vitamin A, riboflavin, vitamin B6, manganese sulphate, potassium iodide, folic acid, sodium selenate, vitamin K, vitamin D, biotin, vitamin B12.

Scoop size: 4.4 g (approximately 90 scoops per can)

Whey:Casein ratio: 60:40

Reconstitution rate: 13.2 g powder/100 ml water

Lactose: <0.05 g/100 g powder

Osmolality: 203 mOsm/kg H₂O

Osmolarity: 182 mOsm/L (calculated)

Renal Solute Load: 21.5 mOsm/100 kcal (calculated)

Potential Renal Solute Load: 130 mOsm/L (calculated)

**DFE = Dietary Folate Equivalent