

Suitable for:

SMA® PRO First Infant Milk is a nutritionally complete, whey-dominant infant milk that is suitable from birth. It can be used for those infants who are not being breastfed or for those who are being combination fed.

SMA® PRO First Infant Milk contains GOS/FOS[♦] for increased gastrointestinal comfort and softer stools similar to that of a breastfed baby.^{1,2}

Not suitable for:

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

Shelf life:

SMA® PRO First Infant Milk powder has a shelf life of 24 months.

SMA® PRO First Infant Milk liquid has a shelf life of 9 months.



800 g
400 g 200 ml
Tetra Pak® 1 litre
Tetra Pak® Starter Pack
(6 x 70 ml
bottles
with teats) 70 ml
hospital
bottle

**INFORMATION FOR HEALTHCARE
PROFESSIONAL USE ONLY**

SMA® PRO
FIRST INFANT MILK

From birth onwards data card



Suitable for Halal

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 an infant 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.

We're here for you

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Nutritional information for SMA® PRO First Infant Milk (Information based on powder only)

	Units	Per 100 ml	Per 100 kcal	Per 100 g powder
Energy				
	kJ	280	418	2138
	kcal	67	100	511
Fat	g	3.6	5.4	28
of which, saturates	g	1.5	2.2	11.1
of which, unsaturates	g	2.1	3.2	16.9
Carbohydrate	g	7.1	10.7	55
of which, sugars	g	7.1	10.7	55
Fibre	g	0.4	0.6	3.1
Protein	g	1.25	1.87	9.6
Salt* (= Sodium x 2.5)	g	0.06	0.09	0.45
Vitamins				
Vitamin A	µg	75	112	570
Vitamin D	µg	0.9	1.4	7
Vitamin E	mg	1.1	1.6	8.3
Vitamin K	µg	5.5	8.2	42
Vitamin C	mg	13	20	100
Thiamin	mg	0.1	0.12	0.60
Riboflavin	mg	0.11	0.16	0.80
Niacin	mg	0.5	0.8	4
Vitamin B₆	mg	0.04	0.07	0.33
Folic Acid	µg	9.2	14	70
Vitamin B₁₂	µg	0.13	0.2	1
Biotin	µg	1.7	2.5	13
Pantothenic acid	mg	0.43	0.65	3.3
Minerals				
Sodium	mg	24	35	180
Potassium	mg	62	92	470
Chloride	mg	39	59	300
Calcium	mg	43	64	325
Phosphorus	mg	24	35	180
Magnesium	mg	6.6	9.8	50
Iron	mg	0.7	1	5.2
Zinc	mg	0.7	1.1	5.5
Copper	mg	0.05	0.08	0.4
Manganese	mg	0.01	0.02	0.1
Fluoride	mg	0.01	<0.01	<0.06
Selenium	µg	2.2	3.3	17
Iodine	µg	14	22	110
Others				
Taurine	mg	4.6	7	35
Choline	mg	8.5	12.7	65
Inositol	mg	6.6	9.8	50
L-carnitine	mg	0.8	1.3	6.4
Oligosaccharides (GOS/FOS)[‡]	mg	0.4	0.6	3.1
Omega 3				
α-linolenic acid (ALA)	mg	67	100	510
Docosahexaenoic acid (DHA) ^{††}	mg	8.4	12.5	64
Omega 6				
Linoleic acid (LA)	mg	550	822	4200
Arachidonic acid (AA) ^{††}	mg	8.4	12.5	64

INFORMATION FOR HEALTHCARE PROFESSIONAL USE ONLY

Typical fatty acid profile of SMA® PRO First Infant Milk (Information based on powder only)

Fatty Acid		Units	Per 100 ml
Saturated			
Caprylic	C8:0	mg	45
Capric	C10:0	mg	35
Lauric	C12:0	mg	273
Myristic	C14:0	mg	126
Palmitic	C16:0	mg	697
Stearic	C18:0	mg	112
Arachidic	C20:0	mg	11
Behenic	C22:0	mg	6.4
Total saturated		g	1.5
Unsaturated/Monounsaturated			
Palmitoleic	C16:1	mg	6.2
Oleic	C18:1	mg	1226
Eicosenoic	C20:1	mg	11
Total monounsaturated		g	1.2
Polyunsaturated			
Linoleic	C18:2	mg	550
Linolenic	C18:3	mg	67
Arachidonic	C20:4	mg	8.4
Docosahexaenoic	C22:6	mg	8.4
Total polyunsaturated		g	0.9
Linoleic: linolenic ratio			12:1

Typical amino acid profile of SMA® PRO First Infant Milk (Information based on powder only)

Amino Acid	mg per 100 ml
Essential & Semi-Essential Amino Acids	
Arginine	38
Cystine	25
Histidine	30
Isoleucine	66
Leucine	132
Lysine	110
Methionine	30
Phenylalanine	72
Threonine	68
Tryptophan	23
Tyrosine	42
Valine	73
Other Amino Acids	
Aspartic acid	127
Serine	68
Glutamic acid	245
Proline	91
Glycine	26
Alanine	56

SMA® PRO First Infant Milk ingredients

Powders (400 g and 800 g): Lactose (**milk**), vegetable oils (palm, rapeseed, coconut, sunflower), demineralised whey (**milk**), skimmed **milk**, galacto-oligosaccharides (GOS), potassium citrate, calcium citrate, emulsifier (**soya** lecithin), fructo-oligosaccharides (FOS), **fish** oil (DHA), magnesium chloride, L-phenylalanine, sodium chloride, sodium citrate, calcium phosphate, vitamin C, arachidonic acid-rich oil (AA), choline bitartrate, taurine, ferrous sulphate, L-histidine, inositol, zinc sulphate, antioxidants (ascorbyl palmitate, tocopherol-rich extract), vitamin E, L-carnitine, niacin, pantothenic acid, copper sulphate, vitamin A, thiamin, vitamin B₆, manganese sulphate, riboflavin, folic acid, potassium iodide, sodium selenate, vitamin D, vitamin K, vitamin B₁₂, biotin.

Scoop size: 4.4 g

Liquid (70 ml): Water, skimmed **milk**, lactose (**milk**), vegetable oils (palm, rapeseed, coconut, sunflower), whey protein (**milk**), emulsifier (**soya** lecithin), calcium citrate, potassium citrate, **fish** oil (DHA), sodium chloride, vitamin C, magnesium chloride, L-phenylalanine, potassium phosphate, arachidonic acid-rich oil (AA), taurine, potassium chloride, inositol, ferrous sulphate, L-histidine, nucleotides (cytidine-, disodium uridine-, adenosine-, disodium guanosine-5'-monophosphate), zinc sulphate, acidity regulator (citric acid), vitamin E, antioxidants (ascorbyl palmitate, tocopherol-rich extract), niacin, pantothenic acid, L-carnitine, copper sulphate, vitamin A, thiamin, riboflavin, vitamin B₆, sodium selenate, vitamin D, vitamin K, folic acid, biotin, potassium iodide, manganese sulphate.

Whey:Casein ratio: 70:30

Potential Renal Solute Load: 116 mOsm/l (powder)

Reconstitution rate: 13.1 g powder/100 ml water

Lactose: 55 g/100 g powder

Osmolality: 295 mOsm/kg H₂O (powder)

References: 1. Vivatvakin B *et al.* Effect of a whey-predominant starter formula containing LCPUFAs and oligosaccharides (FOS/GOS) on gastrointestinal comfort in infants. *Asia Pac J Clin Nutr* 2010; 19(4): 473–480. 2. Moro G, Minoli I, Mosca M, Fanaro S, Jelinek J, Stahl B, Boehm G. Dosage-related bifidogenic effects of galacto- and fructo-oligosaccharides in formula-fed term infants. *Journal of Pediatric Gastroenterology and Nutrition* 2002; 34: 291–295.

* Salt is calculated as sodium x 2.5.

† Sodium is present for nutritional purposes.

‡ GOS/FOS = Galacto-oligosaccharides/
Fructo-oligosaccharides.

†† LCPs = Long Chain Polyunsaturates.