

Suitable for:

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

SMA® ADVANCED First Infant Milk contains 2'FL and LNnT and has been clinically tested¹ and shown to be safe, well tolerated and supports age-appropriate growth, with secondary outcomes of supporting the immune system.

SMA® ADVANCED First Infant Milk is the lowest protein infant formula in the UK & Ireland, it contains 100% whey, partially hydrolysed protein which helps to accelerate gastric emptying² and helps with softer stools.³

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



800 g

References:

1. Puccio G *et al.* J Pediatr Gastroenterol Nutr 2017; 64: 624–31.
2. Billeaud C *et al.* Eur J Clin Nutr. 1990; 44: 577–83.
3. Laura A. Czerkies *et al.* International Journal of Pediatrics, vol. 2018, Article ID 4969576, 7 pages, 2018.

**INFORMATION FOR HEALTHCARE
PROFESSIONAL USE ONLY****SMA® ADVANCED
FIRST INFANT MILK****From birth onwards data card**

Contains 2'FL and LNnT

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.



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Nutritional information for SMA® ADVANCED First Infant Milk

	Units	Per 100 ml	Per 100 kcal	Per 100 g powder
Energy				
	kJ	264	419	2139
	kcal	63	100	511
Fat	g	3.2	5.1	26.1
of which, saturates	g	0.9	1.4	7.3
of which, unsaturates	g	2.1	3.3	16.7
Carbohydrate	g	7.2	11.5	59
of which, sugars	g	7.2	11.5	59
Fibre	g	0.14	0.22	1.14
Protein	g	1.2	1.9	9.7
Salt* (= Sodium x 2.5)	g	0.06	0.1	0.5
Vitamins				
Vitamin A	µg	63	100	510
Vitamin D	µg	0.86	1.37	7
Vitamin E	mg	1.2	2	10
Vitamin K	µg	5	7.8	40
Vitamin C	mg	8.5	13.5	69
Thiamin	mg	0.06	0.1	0.5
Riboflavin	mg	0.14	0.23	1.15
Niacin	mg	0.67	1.1	5.4
Vitamin B₆	mg	0.044	0.07	0.36
Folic acid	µg	10	15.9	81
Vitamin B₁₂	µg	0.14	0.2	12.5
Biotin	µg	1.5	2.4	12.5
Pantothenic acid	mg	0.6	0.9	4.8
Minerals				
Sodium	mg	25	39	200
Potassium	mg	72	114	580
Chloride	mg	47	75	385
Calcium	mg	43	68	347
Phosphorus	mg	25	39	200
Magnesium	mg	6.3	10	51
Iron	mg	0.65	1.04	5.3
Zinc	mg	0.62	1	5
Copper	mg	0.054	0.09	0.44
Manganese	mg	0.012	0.02	0.1
Fluoride	mg	≤0.01	≤0.01	≤0.06
Selenium	µg	2.1	3.3	17
Iodine	µg	10	15.7	80
Others				
Taurine	mg	3.7	5.9	30
Choline	mg	6.9	11	56
Inositol	mg	3.9	6.3	32
L-Carnitine	mg	1.8	2.8	14.4
Nucleotides	mg	1.8	2.9	15
2'Fucosyllactose	mg	94	149	763
Lacto-N-Neotetraose	mg	47	75	381
Omega 3:				
α-linolenic acid (ALA)	mg	62	98	500
Docosahexaenoic acid (DHA) ^{††}	mg	7	11	57
Omega 6:				
Linoleic acid (LA)	mg	505	802	4100
Arachidonic acid (AA) ^{††}	mg	7	11	57

INFORMATION FOR HEALTHCARE PROFESSIONAL USE ONLY
Theoretical fatty acid profile of SMA® ADVANCED First Infant Milk

Fatty Acid		Units	Per 100 ml
Saturated			
Caprylic	C8:0	mg	51
Capric	C10:0	mg	58
Lauric	C12:0	mg	351
Myristic	C14:0	mg	130
Palmitic	C16:0	mg	179
Stearic	C18:0	mg	95
Arachidic	C20:0	mg	6.2
Behenic	C22:0	mg	16
Total saturated		g	0.9
Unsaturated/Monounsaturated			
Palmitoleic	C16:1	mg	2
Oleic	C18:1	mg	1488
Eicosenoic	C20:1	mg	9
Total monounsaturated		g	1.5
Polyunsaturated			
Linoleic	C18:2	mg	505
Linolenic	C18:3	mg	62
Arachidonic	C20:4	mg	7
Docosahexaenoic	C22:6	mg	7
Total polyunsaturated		g	0.5

Theoretical amino acid profile of SMA® ADVANCED First Infant Milk

Amino Acid	mg per 100 ml
Essential & Semi-Essential Amino Acids	
Arginine	63
Cystine	35
Histidine	37
Isoleucine	72
Leucine	151
Lysine	125
Methionine	30
Phenylalanine	43
Threonine	74
Tryptophan	25
Tyrosine	56
Valine	66
Other Amino Acids	
Aspartic acid	142
Serine	55
Glutamic acid	218
Proline	62
Glycine	23
Alanine	61

SMA® ADVANCED First Infant Milk ingredients

Powder (800 g): Lactose (milk), vegetable oils (sunflower, coconut, rapeseed), partially hydrolysed whey protein (milk), 2'fucosyllactose (2'FL), Lacto-N-Neotetraose (LNnT), calcium phosphate, magnesium chloride, polyunsaturated fatty acids (AA, DHA [fish oil]), vitamins (C, niacin, pantothenic acid, E, riboflavin, A, D, thiamin, B₆, folic acid, K, biotin, B₁₂), potassium chloride, L-arginine, potassium phosphate, sodium chloride, L-histidine, L-tyrosin, choline bitartrate, inositol, taurine, ferrous sulphate, zinc sulphate, L-carnitine, nucleotides (cytidine-, disodium uridine-, adenosine-, disodium guanosine-5'-monophosphate), antioxidants (tocopherol-rich extract, ascorbyl palmitate), potassium iodide, copper sulphate, manganese sulphate, sodium selenate.

Scoop size: 4.1 g

Whey:Casein ratio: 100:0

Potential Renal Solute Load: 108 mOsm/l (powder)

Reconstitution rate: 12.3 g powder/100 ml water

Lactose: 59 g/100 g powder

Osmolality: 325 mOsm/kg H₂O (powder)

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