

Suitable for:

SMA H.A.® Infant Milk is a hypoallergenic infant milk designed to reduce the risk of developing allergy to cows' milk proteins. Infants who have a family history of allergy (for example a parent or a sibling with allergy) may develop an allergic response to the protein in cows' milk. The whey protein in **SMA H.A.® Infant Milk** has been partially hydrolysed (broken up into smaller pieces), which reduces the risk of an infant developing an allergic response.

SMA H.A.® Infant Milk is a nutritionally complete infant milk and may be used for healthy infants, for those with a family history of allergy or when an infant's family history is not known. **SMA H.A.® Infant Milk** is clinically proven to reduce the risk of developing eczema by over 50%.¹ The reduction of risk has been shown to be sustained for up to 15 years.¹

SMA H.A.® Infant Milk is only effective if it is used from the first time formula milk is introduced, either in combination with breast milk or when an infant is solely formula-fed. For information on suitability for use in Halal diets please contact our Careline team.

Not suitable for:

1. Infants with a diagnosed cows' milk allergy.
2. Lactose intolerance.
3. Inborn errors of metabolism such as phenylketonuria, galactosaemia and galactokinase deficiency.

Shelf life:

SMA H.A.® Infant Milk powder has a shelf life of 24 months.



800 g

INFORMATION FOR HEALTHCARE PROFESSIONAL USE ONLY

SMA H.A.®
INFANT MILK

From birth onwards data card



Clinically proven to reduce the risk of developing eczema by over 50% in the first year from birth¹

IMPORTANT: SMA H.A.® Infant Milk should NOT be used if a baby has already been diagnosed with allergy to cows' milk proteins or is suspected of already having an allergy to cows' milk protein. **SMA H.A.® Infant Milk** should be used as the first formula feed, before babies have been exposed to intact cows' milk proteins.

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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Reference:
1. von Berg A et al. J Allergy Clin Immunol 2003; 111(3): 2533–40.

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Nutritional information for SMA H.A.[®] Infant Milk

	Units	Per 100 ml	Per 100 kcal	Per 100 g powder
Energy				
	kJ	280	418	2146
	kcal	67	100	511
Fat	g	3.4	5.1	26
of which, saturates	g	1	1.4	7.3
of which, unsaturates	g	2.4	3.7	18.7
Carbohydrate	g	7.8	11.6	59.4
of which, sugars	g	7.8	11.6	59.4
Protein	g	1.3	1.9	9.7
Salt* (= Sodium x 2.5)	g	0.07	0.1	0.5
Vitamins				
Vitamin A	µg	67	99.8	510
Vitamin D	µg	0.9	1.3	6.8
Vitamin E	mg	1.2	1.9	9.5
Vitamin K	µg	5.2	7.8	40
Vitamin C	mg	9	13.5	69
Thiamin	mg	0.07	0.1	0.5
Riboflavin	mg	0.16	0.25	1.3
Niacin	mg	0.71	1.1	5.4
Vitamin B₆	mg	0.05	0.07	0.36
Folic acid	µg	10.6	15.9	81
Vitamin B₁₂	µg	0.14	0.22	1.1
Biotin	µg	1.4	2.2	11
Pantothenic acid	mg	0.63	0.94	4.8
Minerals				
Sodium	mg	26	39	200
Potassium	mg	76	114	580
Chloride	mg	50	75	385
Calcium	mg	45	68	347
Phosphorus	mg	26	39	200
Magnesium	mg	6.7	10	51
Iron	mg	0.7	1	5.3
Zinc	mg	0.66	0.98	5
Copper	mg	0.06	0.09	0.44
Manganese	mg	0.01	0.02	0.1
Fluoride	mg	≤ 0.01	≤ 0.01	≤ 0.06
Selenium	µg	2.1	3.1	16
Iodine	µg	9.2	13.7	70
Others				
Taurine	mg	3.7	5.5	28
Choline	mg	7.3	11	56
Inositol	mg	4.2	6.3	32
L-carnitine	mg	1.7	2.5	13
Nucleotides	mg	2	2.9	15
Omega 3				
α-linolenic acid (ALA)	mg	66	98	500
Docosahexaenoic acid (DHA) ^{††}	mg	7.5	11.2	57
Omega 6				
Linoleic acid (LA)	mg	538	802	4100
Arachidonic acid (AA) ^{††}	mg	7.5	11.2	57

Typical fatty acid profile of SMA H.A.[®] Infant Milk

Fatty Acid		Units	Per 100 ml
Saturated			
Caprylic	C8:0	mg	55
Capric	C10:0	mg	62
Lauric	C12:0	mg	373
Myristic	C14:0	mg	139
Palmitic	C16:0	mg	191
Stearic	C18:0	mg	101
Arachidic	C20:0	mg	6.7
Behenic	C22:0	mg	17.5
Unsaturated/Monounsaturated			
Palmitoleic	C16:1	mg	2.1
Oleic	C18:1	mg	1583
Eicosenoic	C20:1	mg	9.6
Polyunsaturated			
Linoleic	C18:2	mg	538
Linolenic	C18:3	mg	66
Arachidonic	C20:4	mg	7.5
Docosahexaenoic	C22:6	mg	7.5
Linoleic: linolenic ratio			8.2:1

Typical amino acid profile of SMA H.A.[®] Infant Milk

Amino Acid	mg per 100 ml
Essential & Semi-Essential Amino Acids	
Arginine	67
Cystine	37
Histidine	39
Isoleucine	76
Leucine	161
Lysine	133
Methionine	32
Phenylalanine	46
Threonine	79
Tryptophan	27
Tyrosine	60
Valine	70
Other Amino Acids	
Aspartic acid	151
Serine	59
Glutamic acid	231
Proline	66
Glycine	24
Alanine	65

SMA H.A.[®] Infant Milk ingredients

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

Scoop size: 4.4 g

Whey:Casein ratio: 100% Whey

Potential Renal Solute Load: 126.3 mOsm/l (powder)

Reconstitution rate: 13.1 g powder/100 ml water

Lactose: 59.4 g /100 g powder

Osmolality: 320 mOsm/Kg H₂O (powder)

Osmolarity: 288 mOsm/L (powder)

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