

**Suitable for:**

**SMA® Extra Hungry Infant Milk** is a nutritionally complete\* casein dominant breast milk substitute for hungrier bottle fed babies, which may help delay early weaning until the recommended time. Research has reported slower gastric emptying in infants fed casein based formula.<sup>1</sup>

**SMA® Extra Hungry Infant Milk** can be used for those infants who are not being breastfed or for those who are being combination fed.

**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® Extra Hungry Infant Milk** powder has a shelf life of 24 months.



800 g

**Reference:**  
 1. Billeaud C *et al.* Gastric emptying in infants with or without gastro-oesophageal reflux according to the type of milk. Eur J Clin Nutr 1990;44: 577-583.  
 \*Nutritionally complete as required by the legislation for all infant formula.

**INFORMATION FOR HEALTHCARE  
 PROFESSIONAL USE ONLY**

**SMA® EXTRA HUNGRY  
 INFANT MILK**

**From birth onwards data card**



Suitable for Halal

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 \*Reg. Trademark of Société des Produits Nestlé S.A.



**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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 In the Republic of Ireland: SMA Nutrition, 3030 Lake Drive,  
 Citywest Business Campus, Dublin 24, Ireland

# INFORMATION FOR HEALTHCARE PROFESSIONAL USE ONLY

## Nutritional information for SMA® Extra Hungry Infant Milk

	Units	Per 100 ml	Per 100 kcal	Per 100 g powder
<b>Energy</b>				
	kJ	283	418	2190
	kcal	68	100	524
<b>Fat</b>	g	3.7	5.4	28.5
of which, saturates	g	1.1	1.6	8.4
of which, unsaturates	g	2.3	3.4	17.6
<b>Carbohydrate</b>	g	7.1	10.6	55
of which, sugars	g	7.1	10.6	55
of which, lactose	g	7.1	10.6	55
<b>Protein</b>	g	1.5	2.2	11.5
of which, whey	g	0.3	0.4	2.3
of which, casein	g	1.2	1.8	9.2
<b>Salt* (= Sodium x 2.5)</b>	g	0.06	0.08	0.4
<b>Vitamins</b>				
<b>Vitamin A</b>	µg	60	88	462
<b>Vitamin D</b>	µg	1.5	2.3	12
<b>Vitamin E</b>	mg	1	1.5	8
<b>Vitamin K</b>	µg	7	10	53
<b>Vitamin C</b>	mg	9	13.6	71
<b>Thiamin</b>	mg	0.1	0.15	0.8
<b>Riboflavin</b>	mg	0.11	0.17	0.9
<b>Niacin</b>	mg	0.51	0.8	4
<b>Vitamin B<sub>6</sub></b>	mg	0.06	0.09	0.5
<b>Folate (DFE)**</b>	µg	18.2	27	141
<b>Vitamin B<sub>12</sub></b>	µg	0.13	0.19	1
<b>Biotin</b>	µg	2.04	3	16
<b>Pantothenic acid</b>	mg	0.38	0.56	3
<b>Minerals</b>				
<b>Sodium</b>	mg	22	33	174
<b>Potassium</b>	mg	82	121	632
<b>Chloride</b>	mg	56	83	435
<b>Calcium</b>	mg	57	85	443
<b>Phosphorus</b>	mg	41	60	315
<b>Magnesium</b>	mg	5.4	8	42
<b>Iron</b>	mg	0.65	1.0	5
<b>Zinc</b>	mg	0.45	0.7	3.5
<b>Copper</b>	mg	0.05	0.08	0.4
<b>Manganese</b>	mg	0.005	0.007	0.04
<b>Fluoride</b>	mg	≤0.07	≤0.1	≤0.52
<b>Selenium</b>	µg	2.6	4	20
<b>Iodine</b>	µg	13	19	100
<b>Others</b>				
<b>Taurine</b>	mg	4.8	7	37
<b>Choline</b>	mg	21	32	165
<b>Inositol</b>	mg	10	15	79
<b>L-Carnitine</b>	mg	1	1.5	8
<b>Nucleotides</b>	mg	3	4.5	23
<b>Omega 3</b>				
α-linolenic acid (ALA)	mg	43	63	332
Docosahexaenoic acid (DHA)††	mg	17	25	132
<b>Omega 6</b>				
Linoleic acid (LA)	mg	530	785	4111
Arachidonic acid (AA)††	mg	17	25	132

## Typical fatty acid profile of SMA® Extra Hungry Infant Milk

Fatty Acid		Units	Per 100 ml
<b>Saturated</b>			
<b>Caproic</b>	C6:0	mg	6
<b>Caprylic</b>	C8:0	mg	67
<b>Capric</b>	C10:0	mg	49
<b>Lauric</b>	C12:0	mg	379
<b>Myristic</b>	C14:0	mg	150
<b>Pentadecanoic</b>	C15:0	mg	1
<b>Palmitic</b>	C16:0	mg	241
<b>Margaric</b>	C17:0	mg	1
<b>Stearic</b>	C18:0	mg	110
<b>Arachidic</b>	C20:0	mg	9
<b>Behenic</b>	C22:0	mg	18
<b>Lignoceric</b>	C24:0	mg	4
<b>Total saturated</b>		g	1.04
<b>Unsaturated/Monounsaturated</b>			
<b>Palmitoleic</b>	C16:1	mg	3
<b>Oleic</b>	C18:1	mg	1639
<b>Eicosenoic</b>	C20:1	mg	8
<b>Total monounsaturated</b>		g	1.65
<b>Polyunsaturated</b>			
<b>Linoleic</b>	C18:2	mg	530
<b>Linolenic</b>	C18:3	mg	43
<b>Docosahexaenoic</b>	C22:6	mg	17
<b>Arachidonic</b>	C20:4	mg	17
<b>Total polyunsaturated</b>		g	0.61
<b>Linoleic: linolenic ratio</b>			12:1

## Typical amino acid profile of SMA® Extra Hungry Infant Milk

Amino Acid	mg per 100 ml
<b>Essential &amp; Semi-Essential Amino Acids</b>	
<b>Arginine</b>	49
<b>Cystine</b>	27
<b>Histidine</b>	35
<b>Isoleucine</b>	74
<b>Leucine</b>	115
<b>Lysine</b>	125
<b>Methionine</b>	38
<b>Phenylalanine</b>	65
<b>Threonine</b>	57
<b>Tryptophan</b>	25
<b>Tyrosine</b>	65
<b>Valine</b>	105
<b>Other Amino Acids</b>	
<b>Aspartic acid</b>	109
<b>Serine</b>	67
<b>Glutamic acid</b>	264
<b>Proline</b>	117
<b>Glycine</b>	26
<b>Alanine</b>	44

## mmol information for SMA® Extra Hungry Infant Milk

Nutrient	Per 100 g powder (mmol)	Per 100 ml (mmol)
<b>Calcium</b>	11	1.4
<b>Phosphate</b>	10.2	1.32
<b>Iron</b>	0.09	0.01
<b>Magnesium</b>	1.75	0.23
<b>Zinc</b>	0.05	0.007
<b>Sodium</b>	7.56	0.96
<b>Potassium</b>	16.2	2.1
<b>Chloride</b>	12.3	1.6

## SMA® Extra Hungry Infant Milk ingredients

**Powder (800 g):** Lactose (milk), skimmed milk, vegetable oils (sunflower, coconut, soya), long chain polyunsaturated fatty acids (DHA (fish oil), AA), emulsifier (soya lecithin), sodium citrate, potassium citrate, choline chloride, L-cysteine, calcium hydroxide, vitamin C, inositol, L-tryptophan, magnesium chloride, potassium hydroxide, taurine, potassium carbonate, nucleotides (cytidine-, disodium uridine-, adenosine-, disodium inosine-, disodium guanosine-5'- monophosphate), ferrous sulphate, antioxidants (tocopherol-rich extract, ascorbyl palmitate), zinc sulphate, L-carnitine, vitamin E, niacin, pantothenic acid, copper sulphate, thiamin, vitamin A, vitamin B<sub>6</sub>, folic acid, riboflavin, manganese sulphate, potassium iodide, vitamin K, sodium selenite, biotin, vitamin D, vitamin B<sub>12</sub>.

**Scoop size:** 4.3 g

**Whey:Casein ratio:** 20:80

**Potential Renal Solute Load:** 144 mOsm/l (powder)

**Reconstitution rate:** 12.9 g powder/100 ml water

**Lactose:** 55 g/100 g powder

**Osmolality:** 302 mOsm/kg H<sub>2</sub>O (powder)

\* Salt is calculated as sodium x 2.5. Sodium is present for nutritional purposes.

††LCPs = Long Chain Polyunsaturates.

\*\*DFE - Dietary Folate Equivalent: 1 µg DFE = 1 µg food folate = 0.6 µg folic acid from formula.