

INFORMATION FOR HEALTHCARE  
PROFESSIONAL USE ONLY

**DATA CARD**  
**SMA® EXTRA HUNGRY  
INFANT MILK**

**From birth onwards**



Suitable for Halal

**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.

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**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 choose 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. The product should be used only on the advice of independent persons having qualifications in medicine, nutrition, pharmacy, or other professionals responsible for maternal and child care.



**UK** 0800 081 81 80  
[www.smahcp.co.uk](http://www.smahcp.co.uk)

**ROI** 1800 931 832  
[www.smahcp.ie](http://www.smahcp.ie)

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# 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	523
<b>Fat</b>	g	3.7	5.5	28.6
of which, saturates	g	0.3	0.5	2.7
of which, unsaturates	g	3.1	4.5	23.8
<b>Carbohydrate</b>	g	7.1	10.5	55
of which, sugars	g	7.1	10.5	55
of which, lactose	g	7.1	10.5	55
<b>Protein</b>	g	1.5	2.2	11.5
<b>Salt* (= Sodium x 2.5)</b>	g	0.07	0.1	0.6
<b>Vitamins</b>				
<b>Vitamin A</b>	µg	60	89	465
<b>Vitamin D</b>	µg	1.5	2.3	11.8
<b>Vitamin E</b>	mg	1.8	2.7	14
<b>Vitamin K</b>	µg	5.4	8.0	42
<b>Vitamin C</b>	mg	12.4	18	96
<b>Thiamin</b>	mg	0.07	0.11	0.58
<b>Riboflavin</b>	mg	0.15	0.23	1.2
<b>Niacin</b>	mg	0.58	0.86	4.5
<b>Vitamin B<sub>6</sub></b>	mg	0.05	0.08	0.4
<b>Folate (DFE)**</b>	µg	23.2	34.4	180
<b>Vitamin B<sub>12</sub></b>	µg	0.17	0.25	1.3
<b>Biotin</b>	µg	2.04	3.02	15.8
<b>Pantothenic acid</b>	mg	0.5	0.75	3.9
<b>Minerals</b>				
<b>Sodium</b>	mg	28	42	220
<b>Potassium</b>	mg	89	132	690
<b>Chloride</b>	mg	51	75	395
<b>Calcium</b>	mg	65	96	500
<b>Phosphorus</b>	mg	44	65	340
<b>Magnesium</b>	mg	6.1	9.0	47
<b>Iron</b>	mg	0.67	1.0	5.2
<b>Zinc</b>	mg	0.5	0.7	3.9
<b>Copper</b>	mg	0.05	0.08	0.4
<b>Manganese</b>	mg	0.02	0.03	0.15
<b>Fluoride</b>	mg	<0.01	<0.01	<0.06
<b>Selenium</b>	µg	3.4	5.0	26
<b>Iodine</b>	µg	13	19	100
<b>Others</b>				
<b>Taurine</b>	mg	4.3	6.3	33
<b>Choline</b>	mg	22	32	170
<b>Inositol</b>	mg	6.5	9.6	50
<b>L-Carnitine</b>	mg	1.4	2.0	11
<b>Nucleotides</b>	mg	3	4.4	23
<b>Omega 3</b>				
α-linolenic acid (ALA)	mg	52	76	400
Docosahexaenoic acid (DHA) <sup>††</sup>	mg	17	25	131
<b>Omega 6</b>				
Linoleic acid (LA)	mg	581	860	4500
Arachidonic acid (AA) <sup>††</sup>	mg	17	25	131

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

Fatty Acid		Units	Per 100 ml
<b>Saturated</b>			
<b>Lauric</b>	C12:0	mg	0.4
<b>Myristic</b>	C14:0	mg	3.6
<b>Pentadecanoic</b>	C15:0	mg	0.3
<b>Palmitic</b>	C16:0	mg	174.4
<b>Stearic</b>	C18:0	mg	100.2
<b>Arachidic</b>	C20:0	mg	10.8
<b>Behenic</b>	C22:0	mg	26.4
<b>Lignoceric acid</b>	C24:0	mg	14.9
<b>Total saturated</b>		g	0.3
<b>Unsaturated/Monounsaturated</b>			
<b>Palmitoleic</b>	C16:1	mg	1.4
<b>Oleic</b>	C18:1	mg	2371
<b>Eicosenoic acid</b>	C20:1	mg	14
<b>Total monounsaturated</b>		g	2.39
<b>Polyunsaturated</b>			
<b>Linoleic</b>	C18:2	mg	581
<b>Linolenic</b>	C18:3	mg	52
<b>Arachidonic</b>	C20:4	mg	17
<b>Docosahexaenoic</b>	C22:6	mg	17
<b>Total polyunsaturated</b>		g	0.67
<b>Linoleic:linolenic ratio</b>			11.2:1

## 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>	51
<b>Cystine</b>	28
<b>Histidine</b>	40
<b>Isoleucine</b>	80
<b>Leucine</b>	141
<b>Lysine</b>	122
<b>Methionine</b>	34
<b>Phenylalanine</b>	70
<b>Threonine</b>	65
<b>Tryptophan</b>	25
<b>Tyrosine</b>	78
<b>Valine</b>	93
<b>Other Amino Acids</b>	
<b>Aspartic acid</b>	114
<b>Serine</b>	88
<b>Glutamic acid</b>	315
<b>Proline</b>	141
<b>Glycine</b>	28
<b>Alanine</b>	49

## mmol information for SMA® Extra Hungry Infant Milk

Nutrient	Per 100 g powder (mmol)	Per 100 ml (mmol)
<b>Calcium</b>	12.5	1.6
<b>Phosphate</b>	11	1.42
<b>Iron</b>	0.09	0.01
<b>Magnesium</b>	1.96	0.25
<b>Zinc</b>	0.06	0.008
<b>Sodium</b>	9.56	1.22
<b>Potassium</b>	17.7	2.28
<b>Chloride</b>	11.3	1.46

## SMA® Extra Hungry Infant Milk ingredients

**Powder (800 g):** Skimmed **MILK**, lactose (**MILK**), vegetable oils (sunflower, rapeseed), DHA (Oil from the microalgae Schizochytrium sp.), AA (Mortierella alpina oil), calcium citrate, sodium citrate, emulsifier (**SOYA** lecithin), choline bitartrate, potassium citrate, L-cystine, vitamin C, potassium chloride, magnesium chloride, taurine, ferrous sulphate, inositol, L-tryptophan, nucleotides (cytidine-, disodium uridine-, adenosine-, disodium guanosine-5'-monophosphate), antioxidant (tocopherol-rich extract), zinc sulphate, vitamin E, niacin, L-carnitine, pantothenic acid, copper sulphate, thiamin, riboflavin, vitamin A, vitamin B<sub>6</sub>, manganese sulphate, folic acid, potassium iodide, sodium selenate, vitamin K, vitamin D, biotin, vitamin B<sub>12</sub>.

**Scoop size:** 4.3 g

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

**Potential Renal Solute Load:** 148 mOsm/l (powder)

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

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

**Osmolality:** 311.5 mOsm/kg H<sub>2</sub>O (powder)

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

<sup>††</sup>LCPs = Long Chain Polyunsaturates.

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