

**Suitable for:**

**SMA® 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® First Infant Milk**

contains a unique blend of milk and 2'FL fibres<sup>1</sup>.

**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® First Infant Milk**

powder has a shelf life of 24 months.



800 g &  
400 g &  
1.2 kg

**INFORMATION FOR HEALTHCARE PROFESSIONAL USE ONLY**

**DATA CARD**  
**SMA®**  
**FIRST INFANT MILK**  
**From birth onwards**



✓ Halal Certified

✓ Contains 2'FL<sup>1</sup>

For information on suitability for use in Halal diets please contact our Careline team.

**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.

	<p><b>UK</b> 0800 081 81 80 www.smahcp.co.uk</p>
	<p><b>ROI</b> 1800 931 832 www.smahcp.ie</p>

\*As required by legislation for all infant formulas  
**REFERENCE:** 1. EFSA Panel on Dietetic Products, Nutrition and Allergies (NDA), 2015. Safety of 2'-O-fucosyllactose as a novel food ingredient pursuant to Regulation (EC) No 258/97. EFSA Journal, 13 (7), p.4184.



# INFORMATION FOR HEALTHCARE PROFESSIONAL USE ONLY

## Nutrition information for SMA® First Infant Milk

(Information based on powder only)

	Units	Per 100 g powder	Per 100 ml prepared feed	Per 100 kcal
<b>Energy</b>				
	kJ	2172	280	418
	kcal	519	67	100
<b>Fat</b>	g	28.5	3.7	5.5
of which, saturates	g	2.7	0.35	0.5
of which, monounsaturates	g	18.3	2.4	3.5
of which, polyunsaturates	g	5.2	0.67	1
<b>of which,</b>				
α-linolenic Acid (ALA) (Omega 3)	mg	400	52	77
Docosahexaenoic Acid (DHA) (Omega 3)	mg	130	17	25
Linoleic Acid (LA) (Omega 6)	mg	4500	581	867
Arachidonic Acid (AA) (Omega 6)	mg	130	17	25
<b>Carbohydrate</b>	g	55	7.1	10.6
of which, sugars	g	54	7	10.4
of which, lactose	g	54	7.5	10.4
of which, galacto-oligosaccharides <sup>o</sup>	mg	1049	135	202
<b>Fibre</b>	g	2.2	0.3	0.4
of which, 2'-Fucosyllactose (2'FL)	mg	194	25	37
of which, galacto-oligosaccharides <sup>o</sup>	mg	2050	265	395
<b>Protein</b>	g	9.6	1.24	1.85
<b>Vitamins</b>				
<b>Vitamin A</b>	µg	450	58	87
<b>Vitamin D</b>	µg	11.7	1.5	2.3
<b>Vitamin E</b>	mg	14	1.8	2.7
<b>Vitamin K</b>	µg	40	5.2	7.7
<b>Vitamin C</b>	mg	100	13	19
<b>Thiamin</b>	mg	0.6	0.08	0.12
<b>Riboflavin</b>	mg	1.4	0.18	0.27
<b>Niacin</b>	mg	4	0.52	0.77
<b>Vitamin B6</b>	mg	0.33	0.04	0.06
<b>Folate (DFE)**</b>	µg	150	19.4	29
<b>Vitamin B12</b>	µg	1.7	0.22	0.33
<b>Biotin</b>	µg	13	1.7	2.5
<b>Pantothenic Acid</b>	mg	4.2	0.54	0.8
<b>Minerals</b>				
<b>Sodium</b>	mg	165	21	32
<b>Potassium</b>	mg	660	85	127
<b>Chloride</b>	mg	390	50	75
<b>Calcium</b>	mg	330	43	64
<b>Phosphorus</b>	mg	185	24	36
<b>Magnesium</b>	mg	44	5.7	8.5
<b>Iron</b>	mg	5.2	0.67	1
<b>Zinc</b>	mg	3.7	0.48	0.71
<b>Copper</b>	mg	0.4	0.05	0.08
<b>Manganese</b>	mg	1.3	0.02	0.02
<b>Fluoride</b>	mg	<0.06	≤0.01	<0.01
<b>Selenium</b>	µg	27	3.5	5.2
<b>Iodine</b>	µg	105	13.6	20
<b>Others</b>				
<b>Taurine</b>	mg	36	4.6	6.9
<b>Choline</b>	mg	170	22	33
<b>Inositol</b>	mg	75	9.7	14.4
<b>L-Carnitine</b>	mg	10.5	1.4	2
<b>Nucleotides<sup>o</sup></b>	mg	15	1.9	2.8

## Fatty acid profile of SMA® First Infant Milk

(Information based on powder only)

Fatty Acid		Units	Per 100 ml
<b>Saturated</b>			
<b>Palmitic</b>	C16:0	mg	171
<b>Stearic</b>	C18:0	mg	99
<b>Arachidic</b>	C20:0	mg	11
<b>Behenic</b>	C22:0	mg	26
<b>Total saturated</b>		g	0.3
<b>Monounsaturated</b>			
<b>Oleic</b>	C18:1	mg	2344
<b>Total monounsaturated</b>		g	2.3
<b>Polyunsaturated</b>			
<b>Linoleic</b>	C18:2	mg	587
<b>Linolenic</b>	C18:3	mg	53
<b>Arachidonic</b>	C20:4	mg	17
<b>Docosahexaenoic</b>	C22:6	mg	17
<b>Total polyunsaturated</b>		g	0.68
<b>Linoleic:linolenic ratio</b>			11:1

## Amino acid profile of SMA® First Infant Milk

(Information based on powder only)

Amino Acid	mg per 100 ml
<b>Essential &amp; Semi-Essential Amino Acids</b>	
<b>Histidine</b>	31
<b>Isoleucine</b>	67
<b>Leucine</b>	136
<b>Lysine</b>	115
<b>Methionine</b>	28
<b>Phenylalanine</b>	73
<b>Threonine</b>	61
<b>Tryptophan</b>	24
<b>Tyrosine</b>	49
<b>Valine</b>	70
<b>Other Amino Acids</b>	
<b>Alanine</b>	53
<b>Arginine</b>	37
<b>Aspartic Acid</b>	119
<b>Cystine</b>	28
<b>Glutamic Acid</b>	242
<b>Glycine</b>	9
<b>Proline</b>	83
<b>Serine</b>	61
<b>Tyrosine</b>	49

## SMA® First Infant Milk ingredients

**Powders (800 g):** Demineralized whey protein (**MILK**), skimmed **MILK**, vegetable oils (sunflower oil, rapeseed oil), lactose (**MILK**), galacto-oligosaccharides (GOS) (**MILK**), calcium citrate, potassium citrate, oil from *Mortierella alpina* (Arachidonic Acid), oil from the microalgae *Schizochytrium sp.* (Docosahexaenoic Acid), potassium hydroxide, emulsifier (**SOYA** lecithin), magnesium chloride, 2'-Fucosyllactose (2'FL) (**MILK**), potassium chloride, L-phenylalanine, choline bitartrate, sodium chloride, vitamin C, sodium phosphate, taurine, ferrous sulphate, L-histidine, inositol, nucleotides (cytidine-, disodium uridine-, adenosine-, disodium guanosine-5'-monophosphate), zinc sulphate, antioxidant (tocopherol-rich extract), acidity regulator (citric acid), vitamin E, L-carnitine, niacin, pantothenic acid, copper sulphate, thiamin, vitamin A, riboflavin, whey isolate (**MILK**), vitamin B6, manganese sulphate, potassium iodide, folic acid, sodium selenate, vitamin K, vitamin D, biotin, vitamin B12.

HALAL CERTIFIED. NO PALM OIL. NO FISH OIL

**Scoop size:** 4.3 g

Approx 186 scoops per can (applies to 800 g tin)

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

**Whey:Casein ratio:** 70:30

**Lactose:** 54 g/100 g powder

**Osmolality:** 294 mOsm/kg H<sub>2</sub>O

**Osmolarity:** 265 mOsm/L

**Potential Renal Solute Load:** 124 mOsm/L

<sup>o</sup>Nucleotides value represent innate and fortified levels.

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

<sup>o</sup>below 3 monomers (monomeric units)

<sup>o</sup>3 monomers (monomeric units) or more

