

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 including those born via c-section.

SMA® ADVANCED First Infant Milk contains our unique blend of multi-fibres - 2'FL, DFL, LNT, 3'SL, 6'SL & 3'FL which has been shown to promote a healthy gut microbiome.¹

It contains 100% whey, partially hydrolysed protein.²

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 has a shelf life of 24 months.



800 g

*As required by the legislation for all infant formula.
REFERENCE: 1. Bosheva, M., Tokodi, I., Krasnow, A., Pedersen, H. K., Lukjancenko, O., Eklund, A. C., Grathwohl, D., Sprenger, N., Berger, B., Cercamondi, C. I., & 5 HMO Study Investigator Consortium (2022). Infant Formula With a Specific Blend of Five Human Milk Oligosaccharides Drives the Gut Microbiota Development and Improves Gut Maturation Markers: A Randomized Controlled Trial. *Frontiers in nutrition*, 9, 920362. 2. Czerkies LA et al., *Int J Pediatr*. 2018;2018:4969576

INFORMATION FOR HEALTHCARE PROFESSIONAL USE ONLY

DATA CARD

SMA® ADVANCED FIRST INFANT MILK

From Birth



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.



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Nutrition information for SMA® ADVANCED First Infant Milk

	Units	Per 100 g powder	Per 100 ml prepared feed	Per 100 kcal
Energy				
	kJ	2138	280	418.4
	kcal	511	67	100
Fat	g	26.3	3.5	5.2
of which, saturates	g	2.4	0.3	0.5
of which, mono-unsaturates	g	16.8	2.2	3.3
of which, polyunsaturates	g	4.7	0.6	0.9
of which, omega 3				
α-linolenic Acid (ALA)	mg	340	45	67
Docosahexaenoic Acid (DHA)	mg	130	17	25.4
of which, omega 6				
Linoleic Acid (LA)	mg	3850	505	753
Arachidonic Acid (AA)	mg	130	17	25.4
Carbohydrate	g	58	7.6	11.4
of which, sugars	g	58	7.6	11.4
of which, lactose	g	58	7.6	11.4
Fibre	g	1.3	0.18	0.3
of which,				
2'-Fucosyllactose (2'FL)	mg	664	87.1	130
Difucosyllactose (DFL)	mg	92	12.1	18
Lacto-N-Tetraose (LNT)	mg	221	29	43
3'-Sialyllactose (3'SL) sodium salt	mg	81	10.6	16
6'-Sialyllactose (6'SL) sodium salt	mg	110.5	14.5	22
3'-Fucosyllactose (3'FL)	mg	183	24	36
Protein	g	9.7	1.27	1.9
Vitamins				
Vitamin A	µg	440	58	86
Vitamin D	µg	11	1.4	2.2
Vitamin E	mg	12.3	1.6	2.4
Vitamin K	µg	36.7	4.8	7.2
Vitamin C	mg	70	9.2	13.7
Thiamin	mg	0.5	0.07	0.1
Riboflavin	mg	1.1	0.14	0.2
Niacin	mg	4.9	0.64	1.0
Vitamin B6	mg	0.36	0.05	0.07
Folate	µg	150	19.7	30
Vitamin B12	µg	1.35	0.18	0.3
Biotin	µg	12.5	1.6	2.4
Pantothenic Acid	mg	5.4	0.71	1.1
Minerals				
Sodium	mg	175	23	34.2
Potassium	mg	635	83	124.3
Chloride	mg	395	52	77.3
Calcium	mg	336	44	65.7
Phosphorus	mg	186	24	36.4
Magnesium	mg	50	6.6	9.8
Iron	mg	5.4	0.71	1.1
Zinc	mg	3.8	0.5	0.7
Copper	mg	0.37	0.049	0.07
Manganese	mg	115	0.015	22.5
Fluoride	mg	<0.6	<0.01	<0.01
Selenium	µg	27.7	3.6	5.4
Iodine	µg	103	13.5	20.2
Others				
Taurine	mg	30	3.9	5.9
Choline	mg	175	23	34.2
Inositol	mg	34	4.5	6.7
L-Carnitine	mg	11.5	1.5	2.3
Nucleotides	mg	15	2	3

Fatty acid profile of SMA® ADVANCED First Infant Milk

Fatty Acid		Units	Per 100 ml
Saturated			
Palmitic	C16:0	mg	164
Stearic	C18:0	mg	95
Arachidic	C20:0	mg	10
Behenic	C22:0	mg	25
Total saturated		g	0.3
Monounsaturated			
Oleic	C18:1	mg	2207
Total monounsaturated		g	2.2
Polyunsaturated			
Linoleic	C18:2	mg	505
Linolenic	C18:3	mg	45
Arachidonic	C20:4	mg	17
Docosahexaenoic	C22:6	mg	17
Total polyunsaturated		g	0.6
Linoleic:linolenic ratio			11.3

Amino acid profile of SMA® ADVANCED First Infant Milk

Amino Acid	mg per 100 ml
Essential Amino Acids	
Histidine	38
Isoleucine	73
Leucine	152
Lysine	125
Methionine	30
Phenylalanine	55
Threonine	75
Tryptophan	26
Tyrosine	44
Valine	66
Other Amino Acids	
Alanine	61
Arginine	59
Aspartic Acid	143
Cystine	36
Glutamic Acid	219
Glycine	22
Proline	63
Serine	56
Tyrosine	44

SMA® ADVANCED First Infant Milk Ingredients

Lactose (**MILK**), vegetable oils (sunflower, rapeseed), partially hydrolysed whey protein isolate (**MILK**), partially hydrolysed protein whey concentrate (**MILK**), potassium phosphate, 2'-Fucosyllactose/Difucosyllactose mixture (2'FL/DFL) (**MILK**), calcium citrate, choline bitartrate, potassium chloride, magnesium chloride, oil from *Mortierella alpina* (AA), oil from the microalgae *Schizochytrium sp.* (DHA), Lacto-N-tetraose (LNT) (**MILK**), L-arginine, 3'-Fucosyllactose (3'FL) (**MILK**), sodium chloride, 6'-Sialyllactose sodium salt (6'SL) (**MILK**), L-histidine, vitamin C, L-phenylalanine, 3'-Sialyllactose sodium salt (3'SL) (**MILK**), inositol, taurine, ferrous sulphate, L-carnitine, zinc sulphate, antioxidant (tocopherol-rich extract), pantothenic acid, cytidine 5'-monophosphate, disodium uridine 5'-monophosphate, niacin, vitamin E, adenosine 5'-monophosphate, disodium guanosine-5'-monophosphate, copper sulphate, riboflavin, thiamin, vitamin A, vitamin B6, manganese sulphate, potassium iodide, folic acid, sodium selenate, vitamin K, biotin, vitamin D, vitamin B12.

Scoop size: 4.4 g

Approx 181 scoops per can

Reconstitution rate: 13.2 g powder/90 ml water

Whey:Casein ratio: 100:0

Lactose: 58 g/100 g powder

Osmolality: 343 mOsm/kg H₂O

Osmolarity: 308 mOsm/L

Renal Solute Load: 14.4 mOsm/100 kcal