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.
SMA® ADVANCED First Infant Milk contains (2'FL, DFL, LNT, 3'SL, 6'SL), our unique clinically proven blend, shown to be safe, well tolerated and supports age-appropriate growth[1]. It contains Zinc and vitamins A, C & D to help support the normal function of babies immune system.[2-4]

SMA® ADVANCED First Infant Milk is a low protein infant formula that contains 100% whey, partially hydrolysed protein.[5]

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 powder has a shelf life of 24 months.

800 g

INFORMATION FOR HEALTHCARE PROFESSIONAL USE ONLY

DATACARD

SMA® ADVANCED FIRST INFANT MILK

From birth onwards

☑ Contains 2'FL, DFL, LNT, 3'SL, 6'SL

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.**

sma® nutrition careline

UK 0800 081 81 80
www.smahcp.co.uk

ROI 1800 931 832
www.smahcp.ie

Produced in Europe for: Nestlé UK Ltd, PO Box 207, York, YO91 1WS
Nestlé Ireland Ltd, 3009 Lake Drive, Citywest, Dublin, D24 H6RR

REFERENCES: 1. Bosheva, Miroslava, et al. "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 (2022). **2.** EFSA Panel on Dietetic Products, Nutrition and Allergies (NDA). "Scientific Opinion on the substantiation of a health claim related to zinc and normal function of the immune system pursuant to Article 14 of Regulation (EC) No 1924/2006." EFSA Journal 12.5 (2014): 3653. **3.** Mora J, et al. Vitamin Effects on the Immune System: Vitamins A and D Take Centre Stage Nat Rev Immunol 2008; 8(9): 685–98. **4.** EFSA Panel on Dietetic Products, Nutrition and Allergies (NDA). (2015). Vitamin C and contribution to the normal function of the immune system: evaluation of a health claim pursuant to Article 14 of Regulation (EC) No 1924/2006. EFSA Journal, 13(11), 4298. **5.** Czerkies LA et al., Int J Pediatr. 2018;2018:4969576.

sma nutrition

ZTC8405/02/25 DENWHP114

Nutritional information for SMA® ADVANCED First Infant Milk

	Units	Per 100 ml	Per 100g	Per 100kcal
Energy	kJ	280	2138	418.4
	kcal	67	511	100
Fat	g	3.5	26.3	5.2
of which, saturates	g	0.3	2.5	0.5
of which, unsaturates	g	2.8	21.6	4.2
Carbohydrate	g	7.6	58	11.4
of which, sugars (lactose)	g	7.6	58	11.4
Fibre	g	0.17	1.3	0.3
of which				
2'-Fucosyllactose (2'FL)	mg	105	798	156
Difucosyllactose (DFL)	mg	14.5	111	22
Lacto-N-Tetraose (LNT)	mg	34.6	264	52
3'-Sialyllactose (3'SL)	mg	3.5	27	5
6'-Sialyllactose (6'SL)	mg	16.4	125	24
Protein	g	1.27	9.7	1.9
Salt (= Sodium x 2.5)	g	0.06	0.5	0.09
Vitamins				
Vitamin A	µg	58	440	86
Vitamin D	µg	1.5	11.5	2.25
Vitamin E	mg	1.6	12.5	2.4
Vitamin K	µg	4.8	36.7	7.2
Vitamin C	mg	9.2	70	13.7
Thiamin	mg	0.07	0.5	0.1
Riboflavin	mg	0.14	1.1	0.2
Niacin	mg	0.64	4.9	1.0
Vitamin B_6	mg	0.047	0.36	0.07
Folate (DFE)**	µg	20.6	157	30.7
Vitamin B_{12}	µg	0.18	1.34	0.3
Biotin	µg	1.6	12.45	2.4
Pantothenic acid	mg	0.7	5.5	1.1
Minerals				
Sodium	mg	24	185	36.2
Potassium	mg	74	568	111
Chloride	mg	66	500	97.8
Calcium	mg	44	336	65.7
Phosphorus	mg	24	186	36.4
Magnesium	mg	6.6	50	9.8
Iron	mg	0.33	2.54	0.5
Zinc	mg	0.45	3.4	0.7
Copper	mg	0.055	0.42	0.08
Manganese	µg	0.012	90	17.6
Fluoride	µg	<0.01	<60	<11.7
Selenium	µg	3.6	27.8	5.4
Iodine	µg	13.5	103	20.1
Others				
Taurine	mg	23.6	180	35.2
Choline	mg	3.8	29	5.7
Inositol	mg	4.5	34	6.7
L-Carnitine	mg	1.6	12	2.3
Nucleotides	mg	2	15	3
Omega 3:				
α-linolenic acid (ALA)	mg	43	330	65
Docosahexaenoic acid (DHA)††	mg	17	130	25.4
Omega 6:				
Linoleic acid (LA)	mg	505	3850	753
Arachidonic acid (AA)††	mg	17	130	25.4

INFORMATION FOR HEALTHCARE PROFESSIONAL USE ONLY

Theoretical fatty acid profile of SMA® ADVANCED First Infant Milk

Fatty Acid		Units	Per 100 ml
Saturated			
Butyric Acid	C4:0	mg	1
Capric Acid	C10:0	mg	1
Palmitic	C16:0	mg	170
Stearic	C18:0	mg	100
Total saturated		g	0.3
Unsaturated/Monounsaturated			
Oleic	C18:1	mg	2190
Total monounsaturated		g	2.2
Polyunsaturated			
Linoleic	C18:2	mg	505
Linolenic	C18:3	mg	43
Total polyunsaturated		g	0.6

Theoretical amino acid profile of SMA® ADVANCED First Infant Milk

Amino Acid	mg per 100 ml
Essential & Semi-Essential Amino Acids	
Arginine	65
Cystine	35
Histidine	40
Isoleucine	70
Leucine	150
Lysine	120
Methionine	30
Phenylalanine	40
Threonine	70
Tryptophan	30
Tyrosine	60
Valine	70
Other Amino Acids	
Aspartic acid	140
Serine	55
Glutamic acid	220
Proline	60
Glycine	20
Alanine	60

SMA® ADVANCED First Infant Milk ingredients

Powder (800 g): Lactose (**milk**), vegetable oils (sunflower, rapeseed), partially hydrolysed whey protein (**milk**), minerals (calcium phosphate, magnesium chloride, calcium chloride, potassium citrate, potassium chloride, sodium chloride, ferrous sulphate, zinc sulphate, copper sulphate, manganese sulphate, potassium iodide, sodium selenate), 2'-Fucosyllactose/Difucosyllactose mixture (2'FL/DFL), DHA (**fish** oil), choline bitartrate, Lacto-N-tetraose (LNT), *Mortierella alpina* oil (AA), L-arginine, 6'-Sialyllactose sodium salt (6'SL), vitamins (C, pantothenic acid, niacin, E, riboflavin, thiamin, A, B_6, folic acid, K, biotin, D, B_{12}), L-histidine, L-tyrosine, inositol, taurine, 3'-Sialyllactose sodium salt (3'SL), nucleotides (cytidine-, disodium uridine-, adenosine-, disodium guanosine-5'-monophosphate), antioxidants (tocopherol-rich extract, ascorbyl palmitate), L-carnitine.

Scoop size: 4.4 g

Whey:Casein ratio: 100:0
Potential Renal Solute Load: 14.8 mOsm/100kcal (powder)
Reconstitution rate: 13.2 g powder/100 ml water
Lactose: 58 g/100 g powder
Osmolality: 331 mOsm/L (powder)
Osmolarity: 298 mOsm/L (powder)

*As required by the legislation for all infant formula
††LCP= Long Chain Polyunsaturate.
**DFE - Dietary Folate Equivalent:
1 µg DFE = 1 µg food folate = 0,6 µg folic acid from formula.

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