

FOR HEALTHCARE PROFESSIONAL USE ONLY

## SMA<sup>®</sup> PRO Gold Prem 1– Preterm and low birthweight formula datacard

### Suitable for:

SMA<sup>®</sup> PRO Gold Prem 1 is a nutritionally complete formula designed for preterm babies weighing less than 1.8 kg. It is also suitable for those preterm babies requiring higher protein intakes.

### Not suitable for:

1. Cows' milk protein intolerance/allergy.
2. Lactose intolerance.
3. Inborn errors of metabolism such as phenylketonuria, galactosaemia and galactokinase deficiency.
4. Vegetarians and Halal diets.

### Shelf life:

SMA PRO Gold Prem 1 liquid has a shelf life of 9 months.



70 ml



Meets ESPGHAN 2010 guidelines<sup>1</sup>



70 ml



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### 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 breast-feed. 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. **This product must be used under medical supervision.** SMA<sup>®</sup> PRO Gold Prem 1 is a special formula intended for the dietary management of preterm and low birthweight babies who are not solely fed breast milk.

**sma**  
careline<sup>®</sup>

**We're here for you**

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ZTC1389/08/16

## Nutritional information for SMA® PRO Gold Prem 1

	Units	Per 100 ml	Per 100 kcal
<b>Energy</b>			
	kJ	335	419
	kcal	80	100
<b>Fat</b>	g	4	5
of which, saturates	g	1.7	2
of which, unsaturates	g	2.3	3
<b>Carbohydrate</b>	g	8.1	10.2
of which, sugars	g	3.7	4.6
of which, lactose	g	3.7	4.6
<b>Protein</b>	g	2.9	3.6
<b>Salt* (=sodium x2.5)</b>	g	0.13	0.16
<b>Vitamins</b>			
<b>Vitamin A</b>	µg	370	462
<b>Vitamin D</b>	µg	3.7	4.7
<b>Vitamin E</b>	mg	3.6	4.5
<b>Vitamin K</b>	µg	6.4	8.1
<b>Vitamin C</b>	mg	20.8	26
<b>Thiamin</b>	mg	0.14	0.17
<b>Riboflavin</b>	mg	0.2	0.25
<b>Niacin</b>	mg	1.6	2
<b>Vitamin B<sub>6</sub></b>	mg	0.09	0.12
<b>Folic acid</b>	µg	40.6	50.6
<b>Vitamin B<sub>12</sub></b>	µg	0.23	0.29
<b>Biotin</b>	µg	4	4.9
<b>Pantothenic acid</b>	mg	0.8	1
<b>Minerals</b>			
<b>Sodium</b>	mg	51	64
<b>Potassium</b>	mg	120	149
<b>Chloride</b>	mg	76	95
<b>Calcium</b>	mg	116	145
<b>Phosphorus</b>	mg	77	96
<b>Magnesium</b>	mg	8.3	10.4
<b>Iron</b>	mg	1.8	2.3
<b>Zinc</b>	mg	1.2	1.5
<b>Copper</b>	mg	0.08	0.1
<b>Manganese</b>	mg	0.01	0.02
<b>Fluoride</b>	mg	≤0.01	≤0.01
<b>Selenium</b>	µg	4.8	6
<b>Chromium</b>	µg	≤2.5	≤3.1
<b>Molybdenum</b>	µg	≤3.1	≤3.9
<b>Iodine</b>	µg	28	35
<b>Others</b>			
<b>Taurine</b>	mg	6.3	8
<b>Choline</b>	mg	20	25
<b>Inositol</b>	mg	20	25
<b>L-carnitine</b>	mg	3.1	4
<b>Nucleotides<sup>†</sup></b>	mg	2.4	3
<b>Omega 3:</b>			
<b>α-linolenic acid (ALA)<sup>††</sup></b>	mg	77	96
<b>Docosahexaenoic acid (DHA)<sup>‡</sup></b>	mg	15	18
<b>Omega 6:</b>			
<b>Linoleic acid (LA)<sup>††</sup></b>	mg	561	701
<b>Arachidonic acid (AA)<sup>‡</sup></b>	mg	15	18
<b>Osmolality</b>	mOsmol/kg H <sub>2</sub> O	308	
<b>Potential Renal Solute Load</b>	mOsm/L	256	
<b>MCT (Medium chain triglycerides)</b>	g	1.58	1.97
	39.5% of total fat content		

## Typical fatty acid profile of SMA® PRO Gold Prem 1

Fatty acid		Units	Per 100 ml
<b>Saturated</b>			
<b>Caprylic</b>	C8:0	mg	743
<b>Capric</b>	C10:0	mg	598
<b>Lauric</b>	C12:0	mg	9.4
<b>Myristic</b>	C14:0	mg	12.5
<b>Palmitic</b>	C16:0	mg	369
<b>Stearic</b>	C18:0	mg	60.4
<b>Arachidic</b>	C20:0	mg	8.34
<b>Behenic</b>	C22:0	mg	8.34
<b>Lignoceric</b>	C24:0	mg	3.13
<b>Total saturated</b>		g	1.8
<b>Unsaturated/Monounsaturated</b>			
<b>Palmitoleic</b>	C16:1	mg	4
<b>Oleic</b>	C18:1	mg	1177
<b>Eicosanoic</b>	C20:1	mg	16.7
<b>Total monounsaturated</b>		g	1.19
<b>Polyunsaturated</b>			
<b>Linoleic</b>	C18:2	mg	561
<b>Linolenic</b>	C18:3	mg	77
<b>Arachidonic</b>	C20:4	mg	15
<b>Docosahexaenoic</b>	C22:6	mg	15
<b>Total polyunsaturated</b>		g	0.65
<b>Linoleic: linolenic ratio</b>	7:1		

## Typical amino acid profile of SMA PRO Gold Prem 1

Amino Acid	mg per 100 ml
<b>Essential &amp; Semi-Essential Amino Acids</b>	
<b>Arginine</b>	118
<b>Cystine</b>	79
<b>Histidine</b>	117
<b>Isoleucine</b>	154
<b>Leucine</b>	354
<b>Lysine</b>	298
<b>Methionine</b>	63
<b>Phenylalanine</b>	99
<b>Tryptophan</b>	67
<b>Tyrosine</b>	95
<b>Valine</b>	142
<b>Other Amino Acids</b>	
<b>Aspartic acid</b>	338
<b>Serine</b>	117
<b>Glutamic acid</b>	498
<b>Glycine</b>	53
<b>Proline</b>	137
<b>Alanine</b>	155

## SMA® PRO Gold Prem 1 ingredients

### Liquid (bottle)

Water, maltodextrin, vegetable oils including medium chain triglycerides (rapeseed, sunflower, palm), lactose (milk), whey protein (milk), acidity regulators (phosphoric acid, citric acid), calcium hydroxide, potassium chloride, long chain polyunsaturated fatty acids (AA, DHA), potassium hydroxide, L-histidine, magnesium chloride, sodium hydroxide, L-arginine, choline bitartrate, potassium phosphate, vitamin C, inositol, ferrous sulphate, taurine, vitamin E, zinc sulphate, L-carnitine, nucleotides (cytidine-, disodium uridine-, adenosine-, disodium guanosine-5'-monophosphate), niacin, antioxidants (ascorbyl palmitate, tocopherol-rich extract), pantothenic acid, vitamin A, copper sulphate, thiamin, riboflavin, vitamin B<sub>6</sub>, vitamin D, vitamin K, folic acid, vitamin B<sub>12</sub>, biotin, potassium iodide, manganese sulphate, sodium selenate.

### Reference:

1. Agostoni C et al. Enteral Nutrient Supply for Preterm Infants: Commentary from the European Society for Paediatric Gastroenterology, Hepatology and Nutrition Committee on Nutrition. J Pediatr Gastroenterol Nutr 2010; 50: 1–9.

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

† Nucleotides value represents innate and fortified levels.

†† beneficial effect of essential fatty acids is obtained with a daily intake of 10 g of linoleic acid and 2 g of α-linolenic acid.

‡ LCPS= Long Chain Polyunsaturates.