

## Suitable for:

**SMA® Soya Infant Formula** is a nutritionally complete, soya protein-based infant formula that is suitable from birth onwards. The British Dietetic Association (BDA) advise that soya formula should not be used as first-line treatment in infants under 6 months but there may be a clinical need to use soya infant formula during the first 6 months in the following groups: Infants with cows' milk allergy/intolerance who refuse extensively hydrolysed/amino acid formulas; Vegan mothers; Infants with the condition galactosaemia and galactokinase deficiency. It can be used as the sole source of nutrition for infants up to 6 months of age and used as the milk part of a mixed weaning diet.

## Not suitable for:

1. Soya protein intolerance/allergy.
2. The inborn error of metabolism; phenylketonuria.

## Shelf life:

**SMA® Soya Infant Formula** powder has a shelf life of 18 months.



800 g

## INFORMATION FOR HEALTHCARE PROFESSIONAL USE ONLY

# SMA® SOYA INFANT FORMULA

## From birth onwards data card



- Halal Certified
- Suitable for Vegetarians
- Available on prescription

**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. **SMA® Soya** milk-free formula is intended to meet the nutritional needs of babies and children who are intolerant to cows' milk protein, lactose or sucrose. Soya infant formulae are not recommended for preterm babies, those with kidney problems, or those with suspected or confirmed soya allergy, where medical guidance should always be sought.

**We're here for you**  
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# INFORMATION FOR HEALTHCARE PROFESSIONAL USE ONLY

## Nutritional information for SMA® Soya Infant Formula

|                            | Units | Per 100 ml | Per 100 kcal | Per 100 g powder |
|----------------------------|-------|------------|--------------|------------------|
| <b>Energy</b>              |       |            |              |                  |
|                            | kJ    | 280        | 418          | 2150             |
|                            | kcal  | 67         | 100          | 514              |
| <b>Fat</b>                 | g     | 3.6        | 5.4          | 27.6             |
| of which, saturates        | g     | 1.6        | 2.5          | 13               |
| of which, unsaturates      | g     | 1.6        | 2.5          | 13               |
| <b>Carbohydrate</b>        | g     | 6.8        | 10           | 52               |
| of which, sugars           | g     | 0.6        | 0.9          | 4.5              |
| of which, lactose          |       | Nil        | Nil          | Nil              |
| <b>Protein</b>             | g     | 1.8        | 2.6          | 14               |
| <b>Vitamins</b>            |       |            |              |                  |
| Vitamin A                  | µg    | 64         | 95           | 490              |
| Vitamin D                  | µg    | 1.5        | 2.2          | 11.5             |
| Vitamin E                  | mg    | 0.78       | 1.2          | 6                |
| Vitamin K                  | µg    | 6.5        | 9.7          | 50               |
| Vitamin C                  | mg    | 12         | 17.5         | 90               |
| Thiamin                    | mg    | 0.05       | 0.08         | 0.4              |
| Riboflavin                 | mg    | 0.13       | 0.2          | 1                |
| Niacin                     | mg    | 0.7        | 1            | 5.3              |
| Vitamin B <sub>6</sub>     | mg    | 0.07       | 0.1          | 0.5              |
| Folate (DFE) <sup>†</sup>  | µg    | 15.2       | 23           | 117              |
| Vitamin B <sub>12</sub>    | µg    | 0.2        | 0.29         | 1.5              |
| Biotin                     | µg    | 2.3        | 3.5          | 18               |
| Pantothenic acid           | mg    | 0.44       | 0.7          | 3.4              |
| <b>Minerals</b>            |       |            |              |                  |
| Sodium                     | mg    | 22         | 33           | 170              |
| Potassium                  | mg    | 82         | 123          | 630              |
| Chloride                   | mg    | 47         | 70           | 360              |
| Calcium                    | mg    | 68         | 101          | 520              |
| Phosphorus                 | mg    | 50         | 74           | 380              |
| Magnesium                  | mg    | 7.6        | 11           | 58               |
| Iron                       | mg    | 0.65       | 1            | 5                |
| Zinc                       | mg    | 0.52       | 0.8          | 4                |
| Copper                     | mg    | 0.05       | 0.08         | 0.4              |
| Manganese                  | mg    | 0.02       | 0.04         | 0.18             |
| Fluoride                   | mg    | ≤0.01      | ≤0.02        | ≤0.1             |
| Selenium                   | µg    | 2.5        | 3.8          | 19.4             |
| Iodine                     | µg    | 14         | 21.4         | 110              |
| <b>Others</b>              |       |            |              |                  |
| Taurine                    | mg    | 6.1        | 9            | 47               |
| Choline                    | mg    | 20         | 29           | 150              |
| Inositol                   | mg    | 5.2        | 7.8          | 40               |
| L-carnitine                | mg    | 1          | 1.4          | 7.4              |
| <b>Omega 3</b>             |       |            |              |                  |
| α-linolenic acid (ALA)     | mg    | 50         | 74           | 380              |
| Docosahexaenoic acid (DHA) | mg    | 13.5       | 20           | 103              |
| <b>Omega 6</b>             |       |            |              |                  |
| Linoleic acid (LA)         | mg    | 521        | 778          | 4000             |
| Arachidonic acid (AA)      | mg    | 13.5       | 20           | 103              |

## Theoretical fatty acid profile of SMA® Soya Infant Formula

| Fatty Acid                         |       | Units | Per 100 ml |
|------------------------------------|-------|-------|------------|
| <b>Saturated</b>                   |       |       |            |
| Caprylic                           | C8:0  | mg    | 68         |
| Capric                             | C10:0 | mg    | 52         |
| Lauric                             | C12:0 | mg    | 409        |
| Myristic                           | C14:0 | mg    | 171        |
| Palmitic                           | C16:0 | mg    | 855        |
| Stearic                            | C18:0 | mg    | 130        |
| Arachidic                          | C20:0 | mg    | 3          |
| Behenic                            | C22:0 | mg    | 3          |
| <b>Total saturated</b>             |       | g     | 1.7        |
| <b>Unsaturated/Monounsaturated</b> |       |       |            |
| Palmitoleic                        | C16:1 | mg    | 5          |
| Oleic                              | C18:1 | mg    | 927        |
| Eicosenoic                         | C20:1 | mg    | 3          |
| <b>Total monounsaturated</b>       |       | g     | 0.9        |
| <b>Polyunsaturated</b>             |       |       |            |
| Linoleic                           | C18:2 | mg    | 521        |
| Linolenic                          | C18:3 | mg    | 50         |
| Arachidonic                        | C20:4 | mg    | 13.5       |
| Docosahexaenoic                    | C22:6 | mg    | 13.5       |
| <b>Total polyunsaturated</b>       |       | g     | 0.6        |
| <b>Total unsaturated</b>           |       | g     | 2.1        |
| <b>Linoleic: linolenic ratio</b>   |       |       | 11:1       |

## Theoretical amino acid profile of SMA® Soya Infant Formula

| Amino Acid  | mg per 100 ml |
|---|---------------|
| <b>Essential &amp; Semi-Essential Amino Acids</b> |               |
| Arginine  | 129           |
| Cystine   | 20            |
| Histidine   | 42            |
| Isoleucine  | 79            |
| Leucine   | 135           |
| Lysine  | 105           |
| Methionine  | 24            |
| Phenylalanine                                     | 91            |
| Threonine   | 65            |
| Tryptophan  | 22            |
| Tyrosine  | 65            |
| Valine  | 83            |
| <b>Other Amino Acids</b>                          |               |
| Aspartic acid                                     | 194           |
| Serine  | 81            |
| Glutamic acid                                     | 323           |
| Proline   | 87            |
| Glycine   | 71            |
| Alanine   | 73            |

## mmol information for SMA® Soya Infant Formula

| Nutrient         | Per 100 g powder (mmol) | Per 100 ml (mmol) |
|------------------|-------------------------|-------------------|
| <b>Calcium</b>   | 13                      | 1.7               |
| <b>Phosphate</b> | 12                      | 1.6               |
| <b>Iron</b>      | 2.39                    | 0.01              |
| <b>Magnesium</b> | 1.87                    | 0.31              |
| <b>Zinc</b>      | 0.06                    | 0.01              |
| <b>Sodium</b>    | 7.4                     | 0.96              |
| <b>Potassium</b> | 16                      | 2.1               |
| <b>Chloride</b>  | 10                      | 1.33              |

## SMA® Soya Infant Formula ingredients

**Powder (800 g):** Maltodextrin, vegetable oils (palm, coconut, **soya**, sunflower, rapeseed), **soya** protein isolate, calcium phosphate, calcium citrate, potassium chloride, long chain polyunsaturated fatty acids (AA, DHA), emulsifier(**soya** lecithin),magnesium phosphate, choline bitartrate, potassium phosphate, vitamin C, potassium citrate, sodium chloride, potassium hydroxide,taurine, L-methionine,zinc sulphate, L-carnitine, ferrous sulphate, antioxidants(tocopherol-rich extract, ascorbyl palmitate), vitamin E, niacin, pantothenic acid, riboflavin, vitamin B<sub>6</sub>, vitamin A, thiamin, copper sulphate, potassium iodide, folic acid, vitamin K, sodium selenate, biotin, vitamin D, vitamin B<sub>12</sub>.

**Scoop size:** 4.3 g

**Potential Renal Solute Load:** 161 mOsm/l (powder)

**Reconstitution rate:** 13 g powder/100 ml water

**Lactose:** Nil

**Osmolality:** 133 mOsm/kg H<sub>2</sub>O (powder)

**Osmolarity:** 119 mOsm/L (powder)

1µg food folate = 0.6µg folic acid from formula.  
<sup>†</sup>DFE = Dietary Folate Equivalent: 1 µg DFE = 1 µg food folate = 0.6 µg folic acid from formula.