

- As a guide formulas are reconstituted
1 fl oz water + 1 scoop powder
3 fl oz water + 3 scoops = approx 100ml
% feed concentration \therefore 3 x scoop weight
Total volume per tin = $\frac{\text{wt of tin} \times 100\text{ml}}{\text{feed conc}^n}$

e.g. Caprilon
feed concⁿ = 4.2 x 3 = 12.6%
 \therefore total volume = $\frac{420 \times 100}{12.6} = 3330\text{ml}$

- All feeds are available on prescription only as specified by ACBS. A full list of indications is given in MIMS or BNF
- Osmolality (mosmol/kg water) has been given, though common sense should prevail when used as a comparison. Measurements of such solutions are not completely accurate

(V) - suitable for vegans - must be free from all products of animal origin

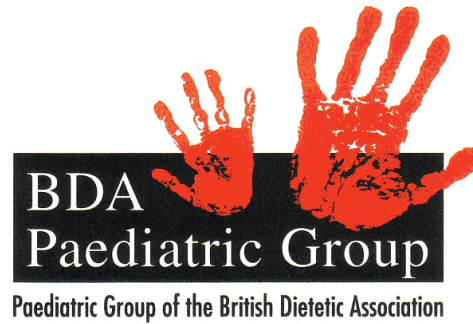
V - suitable for vegetarians - must contain no meat, poultry, game or fish, and no slaughterhouse products, such as gelatine

- All companies state that any soya used in their products is from identity preserved (non-genetically modified) crops. This can only be assured while adequate supplies exist

- Soya formula - The Committee on Toxicity of Chemicals in Food, Consumer Products and the Environment (COT) recommends that, although there is no definitive evidence that phytoestrogens in soya formulas adversely affect the health of infants, there is a potential risk. The BDA Paediatric Group therefore advise an alternative formula is used where possible for infants < 6 months (<http://www.bda.uk.com/resources/statements/SoyaStatement0309.pdf>). There are, however, certain clinical conditions where any potential risk is outweighed by the risk of withholding soya formula:-

- Infants with cow's milk allergy or intolerance who refuse extensively hydrolysed/elemental formulas
- Infants of vegan mothers
- Galactosaemia

Galactosaemia - based on current evidence, soya formulas are still recommended for infants with galactosaemia (British Inherited Metabolic Diseases Group and Medical Advisory Panel of Galactosaemia Support Gp. (BIMDG 2004)) - checked 2009. Total exclusion of dietary lactose is of greater clinical significance than the potential risk posed by phytoestrogens in this group of infants. Where semi-elemental formulas are required, residual lactose should be considered



SPECIALISED INFANT FORMULAS for Cow's Milk Intolerance Malabsorption Syndromes

- AN** - Abbott Nutrition
- CG** - Cow & Gate
- H** - HJ Heinz Co Ltd
- M** - Milupa
- MJ** - Mead Johnson Nutrition
- SHS** - SHS International Ltd
- SMA** - SMA Nutrition

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This leaflet is produced as a summary of currently available products and their major specifications

Detailed company data should always be referred to for individual food intolerances and detailed nutrition composition



Product Weight of tin	Manufacturer (Scoop weight)	Protein Source	Fat Source	Carbohydrate Source	Indications (not a complete list)	per 100ml Feed Standard Dilution									Osmolality mosmol/kg H ₂ O
						Protein g	Fat g	CHO g	Lactose g	Energy kcal	Ca mg	P mg	Na mg	K mg	
Galactomin 17 400g	SHS (4.3g)	Caseinate	Palm, sunflower, rapeseed & coconut oils LCPs (AA & DHA)	Dried glucose syrup	Lactose intolerance, galactosaemia Galactokinase deficiency	1.3	3.5	7.3	<0.008	66	55	30	17	65	170
Enfamil 0-Lac 400g	MJ (4.3g)	Casein and whey protein	Palm olein, soya, high oleic sunflower & coconut oils LCPs (AA & DHA)	Glucose syrup solids	Lactose intolerance V	1.4	3.7	7.2	<0.007	68	78	52	31	78	172
SMA LF 430g	SMA (4.3g)	Whey protein concentrate Milk protein concentrate	Palm, coconut, soya & sunflower oils	Dried glucose syrup	Lactose intolerance V	1.5	3.6	7.2	<0.007	67	55	37	16	70	193
Galactomin 19 400g	SHS (4.3g)	Sodium caseinate, calcium caseinate, suppl. amino acids	Palm, coconut, rapeseed & sunflower oils	Fructose	Glucose-galactose intolerance	1.9	4.0	6.4	<0.007	69	55	32	20	60	407
Caprilon 420g	SHS (4.2g)	Whey protein Skimmed milk powder	Soya oil 75% MCT (blend coconut/palm oils)	Dried glucose syrup Lactose	Fat malabsorption, pancreatic insufficiency, liver disease	1.5	3.6	7.0	0.82	66	53	29	20	67	233
Nutramigen 1 Nutramigen 2 400g	(4.5g) (4.9g) MJ	Casein hydrolysate Suppl. amino acids	Palm olein, soya, high oleic sunflower & coconut oils	Glucose syrup, modified corn starch, (Fructose - Nutramigen 2 only)	Whole protein, and/or disaccharide intolerance Nutramigen 2 for infants from 6 months onwards	1.9 1.7	3.4 2.9	7.5 8.6	<0.007 <0.007	68 68	64 94	53 50	32 25	83 83	290 365
Pepti-Junior 450g	CG (4.3g)	Hydrolysed whey	Rapeseed, sunflower, palm & single cell oils 50% MCT (blend coconut/palm oils), LCPs (AA & DHA)	Glucose syrup Clinically nil lactose	Whole protein and/or disaccharide intolerance Multiple malabsorption, short bowel syndrome	1.8	3.5	6.8	<0.1	66	50	28	18	65	210
Pregestimil 400g	MJ (4.5g)	Casein hydrolysate Suppl. amino acids	Corn, coconut, soya & high oleic sunflower oils 55% MCT	Glucose syrup Modified maize starch	Whole protein and/or disaccharide intolerance Multiple malabsorption, short bowel syndrome	1.9	3.8	6.9	<0.007	68	78	51	29	74	330
Pepdite 400g	SHS (5.0g)	Hydrolysed soya & pork proteins, suppl. amino acids	Hybrid safflower, coconut & soya oils	Dried glucose syrup	Whole protein and/or disaccharide intolerance Multiple malabsorption, short bowel syndrome	2.1	3.5	7.8	nil	71	45	35	35	58	237
MCT Pepdite 400g	SHS (5.0g)	Hydrolysed soya & pork proteins, suppl. amino acids	Fractionated coconut, walnut, maize & palm kernel oils, 75% MCT	Dried glucose syrup	Pancreatic insufficiency, multiple malabsorption Whole protein intolerance requiring MCT, short bowel syndrome	2.0	2.7	8.8	nil	68	45	35	35	58	290
Neocate LCP 400g	SHS (4.9g)	Free amino acids	Non hydrogenated coconut, high oleic sunflower & refined vegetable oils (canola & sunflower), LCPs (AA & DHA)	Dried glucose syrup	Whole protein/hydrolysate intolerance Multiple malabsorption, short bowel syndrome	1.9	3.4	7.9	nil	70	69	50	18	62	360
Nutramigen AA 400g	MJ (4.5g)	Free amino acids	Palm olein, soya, high oleic sunflower & coconut oils LCPs (AA & DHA)	Glucose syrup, tapioca starch	Whole protein/hydrolysate intolerance Multiple malabsorption, short bowel syndrome	1.9	3.6	7.0	nil	68	64	35	32	74	348
InfaSoy 900g	CG (4.3g)	Soya protein isolate L methionine, L tryptophan	Palm, rapeseed, coconut & sunflower oils	Maltodextrin	Milk protein intolerance, lactose intolerance, galactosaemia V Galactokinase deficiency, combined lactose and sucrose intolerance	1.6	3.5	7.0	nil	66	53	30	17	65	150
SMA Wysoy 430g/860g	SMA (4.4g)	Soya protein isolate L methionine	Palm, coconut, soya & high oleic sunflower oils	Dried glucose syrup	Milk protein intolerance, lactose intolerance, galactosaemia V Galactokinase deficiency, combined lactose and sucrose intolerance	1.8	3.6	6.9	nil	67	67	50	19	72	203
Isomil 400g	AN (4.0g)	Soya protein isolate L methionine	High oleic sunflower, coconut & soya oils	Corn syrup liquid, sucrose	Milk protein intolerance, lactose intolerance, galactosaemia V Galactokinase deficiency	1.8	3.7	6.9	nil	68	70	50	32	76	250
Nurture Soya Formula 900g	H (4.3g)	Soya protein isolate L methionine	High oleic sunflower, palm olein, palm kernel & low erucic rapeseed oils	Glucose syrup	Milk protein intolerance, lactose intolerance, galactosaemia (V) Galactokinase deficiency, combined lactose and sucrose intolerance	2.0	3.8	6.8	nil	69	56	37	25	75	210
Aptamil Pepti 400g/900g	M (4.5g)	Hydrolysed whey	Palm, rapeseed, coconut, sunflower & single cell oils LCPs (AA & DHA)	Maltodextrin, lactose	Cow's milk protein allergy/intolerance	1.6	3.5	7.1	2.9	66	47	26	20	75	280