

Scientific Advisory Committee on Nutrition

Subgroup on Maternal and Child Nutrition (SMCN)

Paper for Information: Infant formula, Specialised Infant Formula and Infant Formula and Follow on Formula Regulations

Agenda item: 1

Please see attached papers for information.

1. Lists of infant formulas and follow on formulas and specialised infant formulas
2. Infant Formula and Follow on Infant Formula regulations 1995 incorporating 1997 and 1999 amendments
3. The Medical Food (England) Regulations 2000
4. Processed Cereal-based Foods and Baby Foods for Infants and Young Children Regulations 1997
5. Proposed Processed Cereal-based Foods and Baby Foods for Infants and Young Children (not available in this file: hard copy only)

Infant Formula**SMA Nutrition Infant Formula:**

Name of feed	Manufacturer	Nucleotides	n-3 fatty acids	n-6 fatty acids	Probiotic	Prebiotic	Other comments
SMA WHITE	SMA Nutrition	Yes					Whey and casein. Suitable for vegetarians
SMA GOLD	SMA Nutrition	Yes	DHA	AA			Casein based for hungrier babies. With whey. Suitable for vegetarians
SMA WYSOY	SMA Nutrition						Soya protein isolate for those with cows intolerance. With whey and casein.
SMA STAYDOWN	SMA Nutrition	Yes					For infants with mild reflux or bring back their feeds. With gelatinised maize starch, whey and casein.
SMA PROGRESS (follow on for over 6 months of age)	SMA Nutrition						Contains extra amounts of iron, vitamin C, vitamin D, zinc, and calcium.

Cow and Gate Infant formula:

Name of feed	Manufacturer	Nucleotides	n-3 fatty acids	n-6 fatty acids	Probiotic	Prebiotic	Other comments
COW AND GATE PREMIUM (First infant milk)	Nutricia		DHA GLA	AA			Whey and casein. Iron enriched. Gluten and sucrose free. Halal approved
COW AND GATE PLUS (first milk for hungrier or bottlefed babies)	Nutricia						With Casein and whey. Suitable for vegetarians. Iron enriched. Gluten and sucrose free. Halal approved

COW AND GATE OMNEO COMFORT 1	Nutricia						For infants with sensitive digestive systems. With whey protein hydrolysate. Suitable for vegetarians. Iron enriched. Gluten and sucrose free. Galacto-oligosaccharides polyfructose
COW AND GATE OMNEO COMFORT 2 (6-24 MONTHS)	Nutricia						Follow on milk for infants with sensitive digestive systems. With whey protein hydrolysate. Suitable for vegetarians. Iron enriched. Gluten and sucrose free. Galacto-oligosaccharides polyfructose
COW AND GATE STEP UP (follow on for over 6 months of age)	Nutricia						Whey, casein and starch. Extra iron and vitamin D added. Gluten and sucrose free. Suitable for vegetarians. Halal approved.
COW AND GATE NEXT STEPS (6-24 MONTHS)	Nutricia						With whey and casein and starch. Suitable for vegetarians. Iron enriched. Gluten and sucrose free.
COW AND GATE ORGANIC FIRST	Nutricia						With organic whey protein. Suitable for vegetarians. Iron enriched. Gluten and sucrose free.
COW AND GATE ORGANIC SECOND	Nutricia						For hungrier or bottlefed babies. Suitable for vegetarians. Iron enriched. Gluten and sucrose free.
COW AND GATE ORGANIC FOLLOW ON (6 months on)	Nutricia						Suitable for vegetarians. Iron enriched. Gluten and sucrose free. Iron enriched
COW AND GATE NUTRIPREM	Nutricia						Special breastmilk fortifier for premature infants (for further information, speak to healthcare professional or GP).
COW AND GATE	Nutricia						Special low birthweight formula for premature infants (for further information, speak to healthcare professional or GP)

NUTRIPREM 1							
COW AND GATE NUTRIPREM 2	Nutricia						Special catch-up formula for premature infants (for further information, speak to healthcare professional or GP)

Other special infant formula: Cow and Gate InfaySoy and Cow and Gate Pepti Junior (on list of specialised infant formula)

Farleys Infant Formula:

Name of feed	Manufacturer	Nucleotides	n-3 fatty acids	n-6 fatty acids	Probiotic	Prebiotic	Other comments
FARLEYS FIRST	H J Heinz	Yes	DHA, ALA,	AA, LA, GLA	No	No	
FARLEYS SECOND	H J Heinz	Yes	DHA, ALA,	AA, LA, GLA	No	No	
FARLEYS FOLLOW ON	H J Heinz		ALA	LA	No	No	

Nestle Infant Formula:

Name of feed	Manufacturer	Nucleotides	n-3 fatty acids	n-6 fatty acids	Probiotic	Prebiotic	Other comments
NANA H.A 1 Hypoallergenic	Nestle						With hydrolysed whey protein. A special treatment is used which eliminates most allergenic substances usually found in cows milk, therefore particularly indicated for infants at risk of allergy to cows milk or other protein. However, do not give if your baby is allergic to cows milk without consulting healthcare professional.

NANA H.A 2 FOLLOW ON Hypoallergenic	Nestle		ALA	LA			With enzymatically hydrolysed whey protein and potato starch. Contains all essential fatty acids, calcium, iron, vitamins and minerals for the older infant. With hydrolysed whey protein. A special treatment is used which eliminates most allergenic substances usually found in cows milk, therefore particularly indicated for infants at risk of allergy to cows milk or other protein. However, do not give if your baby is allergic to cows milk without consulting healthcare professional.
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Hipp Organic:

Name of feed	Manufacturer	Nucleotides	n-3 fatty acids	n-6 fatty acids	Probiotic	Prebiotic	Other comments
Hipp Organic	H J Heinz			LA			

Kosher:

Name of feed	Manufacturer	Nucleotides	n-3 fatty acids	n-6 fatty acids	Probiotic	Prebiotic	Other comments
Kosher	H J Heinz	No	ALA	LA			No LCP's

Source: Information obtained from packaging and websites

Specialised Infant Formula

Infant Soya Formula:

Name of feed	Manufacturer	MCT C6-C12	Peanut free	Suitable for vegans	Lactose free	Sucrose free	Other information
PROSOBEE	Mead Johnson Nutritionals	12.2%	Yes	No	Yes	Yes	Infant soya formula ACBS listed for those with lactose intolerance, galactokinase deficiency, galactosaemia and whole cow's milk sensitivity
WYSOY	SMA Nutrition	13.5%	Yes	No	Yes	Yes	
FARLEY'S SOYA FORMULA	H J Heinz	13.8%	Yes	Yes	Yes	Yes	
INFASOY	Cow and Gate	11.9%	Yes	No	Yes	Yes	
ISOMIL	Abbott Nutrition	17.7%	Yes	No	Yes	No	

Infant Hydrolysate Formula:

Name of feed	Manufacturer	MCT C6-C12	Peanut free	Suitable for vegans	Lactose free	Sucrose free	Other information
<u>Casein hydrolysate formula</u> 1.NUTRAMIGEN	Mead Johnson Nutritionals	12.2%	Yes	No	Residual lactose only	Yes	ACBS listed for disaccharide and/or whole protein intolerance where additional medium chain triglycerides are not indicated
2.PREGESTIMIL	Mead Johnson Nutritionals	55%	Yes	No	Residual lactose only	Yes	ACBS listed for disaccharide and/or whole protein intolerance or where amino acids or peptides are indicated in conjunction with medium chain triglycerides

<u>Whey hydrolysate formulae</u> PEPTI-JUNIOR	Cow and Gate	50%	Yes	No	Residual lactose only	Yes	ACBS listed for disaccharide and/or whole protein intolerance or where amino acids or peptides are indicated in conjunction with medium chain triglycerides
<u>Soya and Meat hydrolysate formula</u> 1.PEPDITE	SHS International	19.1%	No	No	Yes	Yes	ACBS listed for disaccharide and/or whole protein intolerance where additional medium chain triglycerides are not indicated
2.PREJOMIN	Milupa	10.4%	Yes	No	Yes	Yes	ACBS listed for disaccharide and/or whole protein intolerance where additional medium chain triglycerides are not indicated
3.PEPDITE +1 (for children over 1yrs)	SHS International	35%	No	No	Yes	Yes	ACBS listed for disaccharide and/or whole protein intolerance where additional medium chain triglycerides are not indicated

Infant Low Lactose Formula:

Name of feed	Manufacturer	MCT C6-C12	Peanut free	Suitable for vegans	Lactose free	Sucrose free	Other information
ENFAMIL LACTOFREE	Mead Johnson Nutritionals	12.2%	Yes	No	Residual lactose only < 0.005g	Yes	ACBS listed for proven lactose intolerance
SMA LF	SMA Nutrition	13.5%	Yes	No	Residual lactose only < 0.1g/100g	Yes	ACBS listed for proven lactose intolerance
GALACTOMIN 17	SHS International	10.7%	Yes	No	Residual lactose only	Yes	ACBS listed for those with proven lactose intolerance, galactokinase deficiency, galactosaemia

MCT Infant Formula:

Name of feed	Manufacturer	MCT C6-C12	Peanut free	Suitable for vegans	Lactose free	Sucrose free	Other information
CAPRILON	SHS International	75%	Yes	No	No	Yes	ACBS listed for disorders in which a high intake of MCT is beneficial
MCT PEPDITE	SHS International	77%	Yes	No	Yes	Yes	ACBS listed for disorders in which a high intake of MCT is beneficial
MONOGEN	SHS International	90%	Yes, but not nut free	No	No	Yes	ACBS listed for long chain acyl-CoA dehydrogenase deficiency (LCAD) carnitine palmitoyl transferase deficiency (CPTD), primary and secondary lipoprotein lipase deficiency

Fructose based and low calcium Infant Formula:

Name of feed	Manufacturer	MCT C6-C12	Peanut free	Suitable for vegans	Lactose free	Sucrose free	Other information
<u>Fructose based formula</u> GALACTOMIN 19	SHS International	10.8%	Yes	No	Residual lactose only	Yes	ACBS listed for glucose-galactose intolerance
<u>Low calcium formula</u> LOCASOL	SHS International	10.8%	Yes	No	No	Yes	ACBS listed for hypercalcaemia and other conditions, requiring extreme restriction of calcium

Amino Acid Formula:

Name of feed	Manufacturer	MCT C6-C12	Peanut free	Suitable for vegans	Lactose free	Sucrose free	Other information
NEOCATE (For infants 0 – 1 year)	SHS International	19.1%	Yes	No	Yes	Yes	ACBS listed for disaccharide or protein intolerance where an elemental formula is specifically indicated
NEOCATE ADVANCE (For children 1 – 10 years)	SHS International	35%	Yes	No	Yes	Yes	ACBS listed for disaccharide or protein intolerance where an elemental formula is specifically indicated

Source: Special Foods for Children (2002). Royal College of Paediatrics and Child Health