

## ANNEX VI

### FOOD ADDITIVES PERMITTED IN FOODS FOR INFANTS AND YOUNG CHILDREN Note

[<sup>F1</sup>Formulae and [<sup>F2</sup>processed cereal-based foods and baby foods] for infants and young children may contain E 414 (acacia gum, gum arabic) and E 551 (silicon dioxide) resulting from the addition of nutrient preparations containing not more than 150 g/kg of E 414 and 10 g/kg of E 551, as well as E 421 (mannitol) when used as a carrier for vitamin B<sub>12</sub> (not less than one part vitamin B<sub>12</sub> to 1 000 parts mannitol). The carry over of E 414 in the product ready for consumption should not be more than 10 mg/kg.

[<sup>F3</sup>Formulae and [<sup>F2</sup>processed cereal-based foods and baby foods] for infants and young children may contain E 1450 starch sodium octenyl succinate resulting from the addition of vitamin preparations or polyunsaturated fatty acid preparations. The carry over of E 1450 in the product ready for consumption is not to be more than 100 mg/kg from vitamin preparations and 1 000 mg/kg from polyunsaturated fatty acid preparations.]

Formulae and [<sup>F2</sup>processed cereal-based foods and baby foods] for infants and young children may contain E 301 (sodium L-ascorbate), used at QS level in coatings of nutrient preparations containing polyunsaturated fatty acids. The carry over of E 301 in the product ready for consumption should not be more than 75 mg/l.]

The maximum levels of use indicated refer to foodstuffs ready for consumption prepared following manufacturers' instructions.

## PART 1

### FOOD ADDITIVES PERMITTED IN INFANT FORMULAE FOR INFANTS IN GOOD HEALTH

#### Notes

1. For the manufacture of acidified milks, non-pathogenic L(+)-lactic acid producing cultures may be used.
- [<sup>F12</sup>. If more than one of the substances E 322, E 471, E 472c and E 473 are added to a foodstuff, the maximum level established for that foodstuff for each of those substances is lowered with that relative part as is present of the other substances together in that foodstuff.]

<b>E No</b>	<b>Name</b>	<b>Maximum level</b>
E 270	Lactic acid (L(+)-form only)	<i>quantum satis</i>
E 330	Citric acid	<i>quantum satis</i>
E 338	Phosphoric acid	In conformity with the limits set in Annex I to Directive 91/321/EEC
E 306 E 307 E 308 E 309	Tocopherol-rich extract Alfa-tocopherol Gamma-tocopherol Delta-tocopherol	10 mg/l individually or in combination

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E 322	Lecithins	1 g/l
E 471	Mono- and diglycerides	4 g/l
[ <sup>F1</sup> E 304	L-ascorbyl palmitate	10 mg/l
E 331	Sodium citrates	2 g/l
E 332	Potassium citrates	Individually or in combination and in conformity with the limits set in Annex I to Directive 91/321/EEC
E 339	Sodium phosphates	1 g/l expressed as P <sub>2</sub> O <sub>5</sub>
E 340	Potassium phosphates	Individually or in combination and in conformity with the limits set in Annex I to Directive 91/321/EEC
E 412	Guar gum	1 g/l, where the liquid product contains partially hydrolysed proteins and is in conformity with the conditions set in Annex IV of Directive 91/321/EEC, as amended by Directive 96/4/EC
E 472 c	Citric acid esters of mono- and diglycerides of fatty acids	7,5 g/l sold as powder 9 g/l sold as liquid where the products contain partially hydrolysed proteins, peptides or amino acids and are in conformity with the conditions set in Annex IV of Directive 91/321/EEC, as amended by Directive 96/4/EC
E 473	Sucrose esters of fatty acids	120 mg/l in products containing hydrolysed proteins, peptides or amino acids]

## PART 2

### FOOD ADDITIVES PERMITTED IN FOLLOW- ON FORMULAE FOR INFANTS IN GOOD HEALTH

#### Note

1. For the manufacture of acidified milks, non-pathogenic L(+)-lactic acid producing cultures may be used.

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- [<sup>F1</sup>2. If more than one of the substances E 322, E 471, E 472c and E 473 is added to a foodstuff, the maximum level established for that foodstuff for each of those substances is lowered with that relative part as is present of the other substances together in that foodstuff.]
3. If more than one of the substances E 407, E 410 and E 412 is added to a foodstuff, the maximum level established for that foodstuff for each of those substances is lowered with that relative part as is present of the other substances together in that foodstuff.

<b>E No</b>	<b>Name</b>	<b>Maximum level</b>
E 270	Lactic acid (L(+)-form only)	<i>quantum satis</i>
E 330	Citric acid	<i>quantum satis</i>
E 306 E 307 E 308 E 309	Tocopherol-rich extract Alfa-tocopherol Gamma-tocopherol Delta-tocopherol	10 mg/l individually or in combination
E 338	Phosphoric acid	In conformity with the limits set in Annex II to Directive 91/321/EEC
E 440	Pectins	5 g/l in acidified follow-on formulae only
E 322	Lecithins	1 g/l
E 471	Mono- and diglycerides	4 g/l
E 407	Carrageenan	0,3 g/l
E 410	Locust bean gum	1 g/l
E 412	Guar gum	1 g/l
[ <sup>F1</sup> E 304	L-ascorbyl palmitate	10 mg/l
E 331	Sodium citrates	2 g/l
E 332	Potassium citrates	Individually or in combination and in conformity with the limits set in Annex I to Directive 91/321/EEC
E 339	Sodium phosphates	1 g/l expressed as P <sub>2</sub> O <sub>5</sub>
E 340	Potassium phosphates	Individually or in combination and in conformity with the limits set in Annex I to Directive 91/321/EEC
E 472 c	Citric acid esters of mono- and diglycerides of fatty acids	7,5 g/l sold as powder 9 g/l sold as liquid where the products contain partially hydrolysed proteins, peptides or amino acids and are

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		in conformity with the conditions set in Annex IV of Directive 91/321/EEC, as amended by Directive 96/4/EC
E 473	Sucrose esters of fatty acids	120 mg/l in products containing hydrolysed proteins, peptides or amino acids]

## PART 3

**FOOD ADDITIVES PERMITTED IN [F<sup>2</sup>PROCESSED CEREAL-BASED FOODS AND BABY FOODS] FOR INFANTS AND YOUNG CHILDREN IN GOOD HEALTH**

E No	Name	Foodstuff	Maximum level
E 170 E 260 E 261 E 262 E 263 E 270 E 296 E 325 E 326 E 327 E 330 E 331 E 332 E 333	Calcium carbonates Acetic acid Potassium acetate Sodium acetates Calcium acetate Lactic acid <sup>a</sup> Malic acid <sup>a</sup> Sodium lactate <sup>a</sup> Potassium lactate <sup>a</sup> Calcium lactate <sup>a</sup> Citric acid Sodium citrates Potassium citrates Calcium citrates	[F <sup>2</sup> Processed cereal-based foods and baby foods]	<i>quantum satis</i> (only for pH adjustment)
E 507 E 524 E 525 E 526	Hydrochloric acid Sodium hydroxide Potassium hydroxide Calcium hydroxide		
E 500 E 501 E 503	Sodium carbonates Potassium carbonates Ammonium carbonates	[F <sup>2</sup> Processed cereal-based foods and baby foods]	<i>quantum satis</i> (only as raising agents)
			Individually or in combination, expressed as ascorbic acid
E 300 E 301 E 302	L-ascorbic acid Sodium L-ascorbate Calcium L-ascorbate	Fruit- and vegetable-based drinks, juices and baby foods	0,3 g/kg

**a** L(+)-form only.

**b** [F<sup>1</sup>The note in part 4 does not apply.]

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		Fat-containing cereal-based foods including biscuits and rusks	0,2 g/kg
E 304 E 306 E 307 E 308 E 309	L-ascorbyl palmitate Tocopherol-rich extract Alfa-tocopherol Gamma-tocopherol Delta-tocopherol	Fat-containing cereals, biscuits, rusks and baby foods	0,1 g/kg individually or in combination
E 338	Phosphoric acid	[ <sup>F2</sup> Processed cereal-based foods and baby foods]	1 g/kg as P <sub>2</sub> O <sub>5</sub> (only for pH adjustment)
E 339 E 340 E 341	Sodium phosphates Potassium phosphates Calcium phosphates	Cereals	1 g/kg individually or in combination, expressed as P <sub>2</sub> O <sub>5</sub>
E 322	Lecithins	Biscuits and rusks Cereal-based foods Baby foods	10 g/kg
E 471 E 472a E 472b E 472c	Mono- and diglycerides of fatty acids Acetic acid esters of mono- and diglycerides of fatty acids Lactic acid esters of mono- and diglycerides of fatty acids Citric acid esters of mono- and diglycerides of fatty acids	Biscuits and rusks Cereal-based foods Baby foods	5 g/kg individually or in combination
E 400 E 401 E 402 E 404	Alginic acid Sodium alginate Potassium alginate Calcium alginate	Desserts Puddings	0,5 g/kg individually or in combination
E 410 E 412 E 414 E 415 E 440	Locust bean gum Guar gum Acacia gum (gum arabic) Xanthan gum Pectins	[ <sup>F2</sup> Processed cereal-based foods and baby foods] Gluten-free cereal-based foods	10 g/kg individually or in combination 20 g/kg individually or in combination
E 551	Silicon dioxide	Dry cereals	2 g/kg
E 334	Tartaric acid <sup>a</sup>	Biscuits and rusks	5 g/kg as a residue

**a** L(+)-form only.

**b** [<sup>F1</sup>The note in part 4 does not apply.]

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E 335 E 336 E 354 E 450a E 575	Sodium tartrate <sup>a</sup> Potassium tartrate <sup>a</sup> Calcium tartrate <sup>a</sup> Disodium diphosphate Glucono-delta-lactone		
E 1404 E 1410 E 1412 E 1413 E 1414 E 1420 E 1422 E 1450	Oxidized starch Monostarch phosphate Distarch phosphate Phosphated distarch phosphate Acetylated distarch phosphate Acetylated starch Acetylated distarch adipate Starch sodium octenyl succinate	[ <sup>F2</sup> Processed cereal-based foods and baby foods]	50 g/kg
[ <sup>F1</sup> E 333	Calcium citrates <sup>b</sup>	In low-sugar fruit based products	<i>quantum satis</i>
E 341	Tricalcium phosphate <sup>b</sup>	In fruit based desserts	1 g/kg as P <sub>2</sub> O <sub>5</sub>
E 1451	Acetylated oxidised starch	[ <sup>F2</sup> Processed cereal-based foods and baby foods]	50 g/kg]
<p><b>a</b> L(+)-form only.</p> <p><b>b</b> [<sup>F1</sup>The note in part 4 does not apply.]</p>			

## PART 4

**[<sup>F4</sup>FOOD ADDITIVES PERMITTED IN DIETARY FOODS FOR INFANTS AND YOUNG CHILDREN FOR SPECIAL MEDICAL PURPOSES AS DEFINED IN DIRECTIVE 1999/21/EC]<sup>(1)</sup>**

The tables in Parts 1 to 3 of Annex VI are applicable.

[ <sup>F1</sup> E number	Name	Maximum level	Special conditions
E 401	Sodium alginate	1 g/l	From four months onwards in special food products with adapted composition, required for metabolic disorders and for general tube-feeding

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E 405	Propane 1,2-diolalginate	200 mg/l	From 12 months onwards in specialised diets intended for young children who have cow's milk intolerance or inborn errors of metabolism
E 410	Locust bean gum	10 g/l	From birth onwards in products for reduction of gastro-oesophageal reflux
E 412	Guar gum	10 g/l	From birth onwards in products in liquid formulae containing hydrolysed proteins, peptides or amino acids in conformity with the conditions set in Annex IV of Directive 91/321/EEC, as amended by Directive 96/4/EC
E 415	Xanthan gum	1,2 g/l	From birth onwards for use in products based on amino acids or peptides for use with patients who have problems with impairment of the gastro-intestinal tract, protein mal-absorption or inborn errors of metabolism
E 440	Pectins	10 g/l	From birth onwards in products used in case of gastro-intestinal disorders
E 466	Sodium carboxy methyl cellulose	10 g/l or kg	From birth onwards in products for the dietary management of metabolic disorders
E 471	Mono- and diglycerides of fatty acids	5 g/l	From birth onwards in specialised diets, particularly those devoid of proteins
[ <sup>13</sup> E 472c	Citric acid esters of mono- and	7,5 g/l sold as powder	From birth onwards

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	diglycerides of fatty acids	9 g/l sold as liquid]	
[ <sup>F5</sup> E 473	Sucrose esters of fatty acids	120 mg/l	Products containing hydrolysed proteins, peptides and amino acids]
E 1450	Starch sodium octenyl succinate	20 g/l	In infant formulae and follow-on formulae]

#### Textual Amendments

- F5** Inserted by [Directive 2006/52/EC](#) of the European Parliament and of the Council of 5 July 2006 amending [Directive 95/2/EC](#) on food additives other than colours and sweeteners and [Directive 94/35/EC](#) on sweeteners for use in foodstuffs.

#### Textual Amendments

- F4** Substituted by [Directive 2003/114/EC](#) of the European Parliament and of the Council of 22 December 2003 amending [Directive 95/2/EC](#) on food additives other than colours and sweeteners.



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- (1) [<sup>F4</sup>Commission Directive 1999/21/EC of 25 March 1999 on dietary foods for special medical purposes, (OJ L 91, 7.4.1999, p. 29).]

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**Textual Amendments**

- F4** Substituted by [Directive 2003/114/EC of the European Parliament and of the Council of 22 December 2003 amending Directive 95/2/EC on food additives other than colours and sweeteners.](#)