Numru E	Isem	Oģģett ta' l-Ikel	Livell massimu
E 1404	Lamtu ossidat		
E 1410	Monostarch phosphate		
E 1412	Distarch phosphate		
E 1413	Phosphated distarch phosphate	Ikel ta' l-isvezzament	50 g/kg
E 1414	Acetylated distarch phosphate		
E 1420	Acetylated starch		
E 1422	Acetylated distarch adipate		
E 1450	Starch sodium ocetnyl succinate		

PARTI 4

Additivi ta' l-Ikel permessi f'Ikel ghat-Trabi u Tfal Żghar ghal Skopijiet Mediči Spečjali

It-tabelli fil-partijiet 1 sa 3 tas-Sitt Skeda huma applikabbli.

L.N. 256 of 1998

FOOD, DRUGS AND DRINKING WATER ACT (CAP. 231)

Permitted Food Additives Regulations, 1998

IN exercise of the powers conferred by section 12 of the Food, Drugs and Drinking Water Act, the Minister of Health, on the advice of the Malta Standardisation Authority, has made the following regulations:

Citation and commencement

- 1. (1) These regulations may be cited as the Permitted Food Additives Regulations, 1998.
- (2) These regulations shall come into force on the 1st January, 1999.
- (3) These regulations shall complement the Additives in $_{L.N.~89~of~1994.}$ Food Regulations, 1994.

Applicability of these regulations.

- 2. (1) These regulations shall apply to all food additives other than colours, sweeteners, flavourings and flour treatment agents.
- (2) These regulations shall apply without prejudice to specific regulations permitting additives listed in the schedules to these regulations to be used as sweeteners and colours.
- (3) These regulations shall not apply in the case of products intended exclusively for export.

Interpretation.

3. (1) In these regulations, unless the context otherwise requires:—

"acidity regulators" are substances which alter or control the acidity or alkalinity of a foodstuff;

"acids" are substances which increase the acidity of a foodstuff and/or impart a sour taste to it;

"anti-caking agents" are substances which reduce the tendency of individual particles of a foodstuff to adhere to one another;

"anti-foaming agents" are substances which prevent or reduce foaming;

"antioxidants" are substances which prolong the shelf-life of foodstuffs by protecting them against deterioration caused by oxidation, such as fat rancidity and colour changes;

"bulking agents" are substances which contribute to the volume of a foodstuff without contributing significantly to its available energy value;

"carriers", including carrier solvents, are substances used to dissolve, dilute, disperse or otherwise physically modify a food additive without altering its technological function (and without exerting any technological effect themselves) in order to facilitate its handling, application or use;

"emulsifiers" are substances which make it possible to form or maintain a homogenous mixture of two or more immiscible phases such as oil and water in a foodstuff;

"emulsifying salts" are substances which convert proteins contained in cheese into a dispersed form and thereby bring about homogenous distribution of fat and other components;

"firming agents" are substances which make or keep tissues of fruit or vegetables firm or crisp, or interact with gelling agents to produce or strengthen a gel;

"flavour enhancers" are substances which enhance the existing taste and/or odour of a foodstuff;

"foaming agents" are substances which make it possible to form a homogenous dispersion of a gaseous phase in a liquid or solid foodstuff:

"gelling agents" are substances which give a foodstuff texture through formation of a gel;

"glazing agents" (including lubricants) are substances which, when applied to the external surface of a foodstuff, impart a shiny appearance or provide a protective coating;

"humectants" are substances which prevent foodstuffs from drying out by counteracting the effect of an atmosphere having a low degree of humidity, or promote the dissolution of a powder in an aqueous medium; "modified starches" are substances obtained by one or more chemical treatments of edible starches, which may have undergone a physical or enzymatic treatment, and may be acid or alkali thinned or bleached;

"packaging gases" are gases other than air, introduced into a container before, during or after the placing of a foodstuff in that container:

"preservatives" are substances which prolong the shelf-life of foodstuffs by protecting them against deterioration caused by micro-organisms;

"propellants" are gases other than air which expel a foodstuff from a container:

"raising agents" are substances or combinations of substances which liberate gas and thereby increase the volume of a dough or batter;

"sequestrants" are substances which form chemical complexes with metallic ions;

"stabilisers" are substances which make it possible to maintain the physico-chemical state of a foodstuff; stabilisers include substances which enable the maintenance of a homogenous dispersion of two or more immiscible substances in a foodstuff and include also substances which stabilise, retain or intensify an existing colour of a foodstuff;

"thickeners" are substances which increase the viscosity of a foodstuff.

- (2) For the purposes of these regulations, the following are not considered as food additives:
 - (a) substances used for the treatment of drinking water as provided for in Directive 80/778/EEC;
 - (b) products containing pectin and derived from dried apple pomace or peel of citrus fruits, or from a mixture of both, by the action of dilute acid followed by partial neutralisation with sodium or potassium salts ('liquid pectin');
 - (c) chewing gum bases;

- (d) white or yellow dextrin, roasted or dextrinated starch, starch modified by acid or alkali treatment, bleached starch, physically modified starch and starch treated by amylolitic enzymes;
 - (e) ammonium chloride;
- (f) blood plasma, edible gelatine, protein hydrolysates and their salts, milk protein and gluten;
- (g) amino acids and their salts other than glutamic acid, glycine, cysteine and cystine and their salts and having no additive function:
 - (h) caseinates and casein;
 - (i) inulin.
- (3) In these regulations, the term 'unprocessed' means not having undergone any treatment resulting in a substantial change in the original state of the foodstuffs; however, the foodstuffs may have been, for example, divided, parted, severed, boned, minced, skinned, pared, peeled, ground, cut, cleaned, trimmed, deep-frozen or frozen, chilled, milled or husked, packed or unpacked.
- (4) In these regulations and the schedules thereto, *quantum* satis means that no maximum level is specified. However, additives shall be used in accordance with good manufacturing practice, at a level not higher than is necessary to achieve the intended purpose and provided that they do not mislead the consumer.
- (5) In these regulations, flour treatment agents other than emulsifiers are substances which are added to flour or dough to improve its baking quality.
- **4.** (1) Only substances listed in the First, Third, Fourth and Fifth Schedules to these regulations may be used in foodstuffs for the purposes mentioned in paragraph (1) of regulation 3.

Use of additives.

- (2) Food additives listed in the First Schedule are permitted in foodstuffs, for the purposes mentioned in paragraph (1) of regulation 3, with the exception of those foodstuffs listed in the Second Schedule, following the *quantum satis* principle.
- (3) Except where specifically provided for, paragraph (2) hereof does not apply to:

- (a) unprocessed foodstuffs,
- (b) honey,
- (c) non-emulsified oils and fats of animal or vegetable origin,
 - (d) butter.
- (e) pasteurised and sterilised (including UHT sterilisation) milk and cream (including skimmed, plain and semi-skimmed),
 - (f) unflavoured, live fermented milk products,
 - (g) natural mineral water and spring water,
- (h) coffee (excluding flavoured instant coffee) and coffee extracts,
 - (i) unflavoured leaf tea,
 - (j) sugars,
 - (k) dry pasta,
- (1) natural unflavoured buttermilk (excluding sterilised buttermilk);
- (m) foods for infants and young children, including foods for infants and young children not in good health; these foodstuffs are subject to the provisions of the Sixth Schedule;
- (n) the foodstuffs listed in the Second Schedule, which may contain only those additives referred to in that schedule and those additives referred to in the Third and Fourth Schedules under the conditions specified therein.
- (4) Additives listed in the Third and Fourth Schedules may only be used in the foodstuffs referred to in those schedules and under the conditions specified therein.
- (5) Only those additives listed in the Fifth Schedule may be used as carriers or carrier solvents for food additives and must be used under the conditions specified therein.
- (6) Maximum levels indicated in the schedules refer to the foodstuffs as marketed, unless otherwise stated.
- The presence of a food additive in a foodstuff is permissible:
 - (a) in a compound foodstuff other than one mentioned in paragraph (3) hereof to the extent that the food additive is permitted in one of the ingredients of the compound foodstuff, or
 - if the foodstuff is destined to be used solely in the preparation of a compound foodstuff and to an extent such that the compound foodstuff conforms to the provisions of these regulations.

- (8) Paragraph (7) hereof does not apply to infant formulae, follow-on formulae and weaning foods, except where specifically provided for by these or other regulations concerning these foods.
- (9) No person may import, sell, keep for sale, or supply by way of compensation or otherwise, any food additive or any food containing such additive in either case unless in compliance with the provisions of these regulations.
- 5. (1) The Preservatives in Food Regulations, 1994 are hereby repealed.

Repeal of L.N. 2 of

- (2) References in other regulations to any Preservatives in Food Regulations shall henceforth be construed as references to these regulations.
- **6.** (1) The additives permitted for use by these regulations must satisfy the purity criteria laid down by Directive 96/77/EC of the European Community and any subsequent amendments thereto.

Purity criteria.

(2) The methods of analysis described in MSA 100: 1998 issued by the Malta Standardisation Authority shall be used in order to ascertain for purposes of official control whether the additives permitted for use by these regulations satisfy the prescribed purity criteria.

FIRST SCHEDULE

Food Additives generally permitted for use in Foodstuffs not referred to in Regulation 4(3)

Note:

- 1. Substances on this list may be added to all foodstuffs with the exception of those referred to in Regulation 4(3) following the *quantum satis* principle.
- 2. The substances listed under numbers E 407 and E 440 may be standardised with sugars, on condition that this stated in addition to the number and designation.
- 3. Explanation of symbols used:
 - * The substances E 290, E 938, E 939, E 941, E 942 and E 948 may also be used in the foodstuffs referred to in Regulation 4(3).
 - # The substances E 410, E 412, E 415 and E 417 may not be used to produce dehydrated foodstuffs intended to rehydrate on ingestion.

E Number	Name
	- 1-1
E 170	Calcium carbonates
` '	Calcium carbonate
	Calcium hydrogen carbonate
E 260	Acetic acid
E 261	Potassium acetate
E 262	Sodium acetates
(i)	Sodium acetate
(ii)	Sodium hydrogen acetate (sodium diacetate)
E 263	Calcium acetate
E 270	Lactic acid
E 290	Carbon dioxide*
E 296	Malic acid
E 300	Ascorbic acid
E 301	Sodium ascorbate
E 302	Calcium ascorbate
E 304	Fatty acid esters of ascorbic acid
(i)	Ascorbyl palmitate
(ii)	Ascorbyl stearate
E 306	Tocopherol-rich extract
E 307	Alpha-tocopherol
E 308	Gamma-tocopherol
E 309	Delta-tocopherol
E 322	Lecithins
E 325	Sodium lactate

E Number		Name
E 326		Potassium lactate
E 327		Calcium lactate
E 330		Citric acid
E 331		Sodium citrates
	(i)	Monosodium citrate
	٠,	Disodium citrate
		Trisodium citrate
E 332	` ,	Potassium citrates
	(i)	Monopotassium citrate
		Tripotassium citrate
E 333	` ,	Calcium citrates
	(i)	Monocalcium citrate
	(ii)	Dicalcium citrate
		Tricalcium citrate
E 334	` '	Tartaric acid (L(+)-)
E 335		Sodium tartrates
	(i)	Monosodium tartrate
		Disodium tartrate
E 336		Potassium tartrates
	(i)	Monopotassium tartrate
	(ii)	Dipotassium tartrate
E 337		Sodium potassium tartrate
E 350		Sodium malates
	(i)	Sodium malate
	(ii)	Sodium hydrogen malate
E 351		Potassium malate
E 352		Calcium malates
	(i)	Calcium malate
	(ii)	Calcium hydrogen malate
E 354		Calcium tartrate
E 380		Triammonium citrate
E 400		Alginic acid
E 401		Sodium alginate
E 402		Potassium alginate
E 403		Ammonium alginate
E 404		Calcium alginate
E 406		Agar
E 407		Carrageenan
E 407a		Processed eucheuma seaweed
E 410		Locust bean gum #
E 412		Guar gum #
E 413		Tragacanth
E 414		Acacia gum (gum arabic)
E 415		Xanthan gum #
E 417		Tara gum #

E Number	Name
E 418	Gellan gum
E 422	Glycerol
E 440	Pectins
	(i) pectin
	(ii) amidated pectin
E 460	Cellulose
	(i) Microcrystalline cellulose
	(ii) Powdered cellulose
E 461	Methyl cellulose
E 463	Hydroxypropyl cellulose
E 464	Hydroxypropyl methyl cellulose
E 465	Ethyl methyl cellulose
E 466	Carboxy methyl cellulose
	Sodium carboxy methyl cellulose
E 470a	Sodium, potassium and calcium salts of fatty acids
E 470b	Magnesium salts of fatty acids
E 471	Mono- and diglycerides of fatty acids
E 472a	Acetic acid esters of mono- and diglycerides of fatty acids
E 472b	Lactic acid esters of mono- and diglycerides of fatty acids
E 472c	Citric acid esters of mono- and diglycerides of fatty acids
E 472d	Tartaric acid esters of mono- and diglycerides of fatty acids
E 472e	Mono- and diacetyl tartaric acid esters of mono- and diglycerides
	of fatty acids
E 472f	Mixed acetic and tartaric acid esters of mono- and diglycerides
	of fatty acids
E 500	Sodium carbonates
	(i) Sodium carbonate
	(ii) Sodium hydrogen carbonate
	(iii) Sodium sesquicarbonate
E 501	Potassium carbonates
	(i) Potassium carbonate
	(ii) Potassium hydrogen carbonate
E 503	Ammonium carbonates
	(i) Ammonium carbonate
	(ii) Ammonium hydrogen carbonate
E 504	Magnesium carbonates
	(i) Magnesium carbonate
	(ii) Magnesium hydroxide carbonate (syn: Magnesium hydrogen
	carbonate)
E 507	Hydrochloric acid
E 508	Potassium chloride
E 509	Calcium chloride
E 511	Magnesium chloride
E 513	Sulphuric acid

E Number	Name
E 514	Sodium sulphates
(i	i) Sodium sulphate
(i	i) Sodium hydrogen sulphate
E 515	Potassium sulphates
(i	i) Potassium sulphate
(i	i) Potassium hydrogen sulphate
E 516	Calcium sulphate
E 524	Sodium hydroxide
E 525	Potassium hydroxide
E 526	Calcium hydroxide
E 527	Ammonium hydroxide
E 528	Magnesium hydroxide
E 529	Calcium oxide
E 530	Magnesium oxide
E 570	Fatty acids
E 574	Gluconic acid
E 575	Glucono-delta-lactone
E 576	Sodium gluconate
E 577	Potassium gluconate
E 578	Calcium gluconate
E 640	Glycine and its sodium salt
E 938	Argon*
E 939	Helium*
E 941	Nitrogen*
E 942	Nitrous oxide*
E 948	Oxygen*
E 1200	Polydextrose
E 1404	Oxidised starch
E 1410	Monostarch phosphate
E 1412	Distarch phosphate
E 1413	Phosphated distarch phosphate
E 1414	Acetylated distarch phosphate
E 1420	Acetylated starch
E 1422	Acetylated distarch adipate
E 1440	Hydroxy propyl starch
E 1442	Hydroxy propyl distarch phosphate
E 1450	Starch sodium octenyl succinate
•	

SECOND SCHEDULE

Foodstuffs in which a limited number of additives of the First Schedule may be used

Foodstuff	Additiv	e	Maximum level	
Cocoa and chocolate products ¹	E 330	Citric acid	0.5%	
-	E 322	Lecithins	quantum satis	
	E 334	Tartaric acid	0.5%	
	E 422	Glycerol	quantum satis	
	E 471	Mono- and diglycerides of	-	
		fatty acids	quantum satis	
	E 170	Calcium carbonates		
	E 500	Sodium carbonates		
	E 501	Potassium carbonates		
	E 503	Ammonium carbonates		
	E 504	Magnesium carbonates	7% on dry matter without fat	
	E 524	Sodium hydroxide	expressed as potassium	
	E 525	Potassium hydroxide	carbonates	
	E 526	Calcium hydroxide		
	E 527	Ammonium hydroxide		
	E 528	Magnesium hydroxide		
	E 530	Magnesium oxide		
	E 414	Acacia gum	as glazing	
		-	agents only;	
	E 440	Pectins	quantum satis	
Fruit juices and nectars	E 300	Ascorbic acid	quantum satis	
Pineapple juice	E 296	Malic acid	3 g/l	
Nectars	E 330	Citric acid	5 g/l	
	E 270	Lactic acid	5 g/l	
Grape juice	E 170	Calcium carbonates	quantum satis	
	E 336	Potassium tartrates	quantum satis	
Fruit juices	E 330	Citric acid	3 g/l	
Extra jam and extra jelly	E 440	Pectins	quantum satis	
	E 270	Lactic acid	quantum satis	
	E 300	Ascorbic acid	quantum satis	
	E 327	Calcium lactate	quantum satis	
	E 330	Citric acid	quantum satis	

¹ Cocoa and chocolate products energy-reduced or with no added sugars are not covered by the Second Schedule.

Foodstuff	Additiv	e	Maximum level
	E 331	Sodium citrates	quantum satis
	E 333	Calcium citrates	quantum satis
	E 334	Tartaric acid	quantum satis
	E 335	Sodium tartrates	quantum satis
	E 350	Sodium malates	quantum satis
	E 471	Mono- and diglycerides of	
	,	fatty acids	quantum satis
Jams, jellies and marmalades	E 440	Pectins	quantum satis
and other similar fruit spreads	E 270	Lactic acid	quantum satis
ncluding low-calorie products	E 296	Malic acid	quantum satis
	E 300	Ascorbic acid	quantum satis
	E 327	Calcium lactate	quantum satis
	E 330	Citric acid	quantum satis
	E 331	Sodium citrates	quantum satis
	E 333	Calcium citrates	quantum satis
	E 334	Tartaric acid	quantum satis
	E 335	Sodium tartrates	quantum satis
	E 350	Sodium malates	quantum satis
	E 400	Alginic acid	
	E 401	Sodium alginate	
	E 402	Potassium alginate	
	E 403	Ammonium alginate	
	E 404	Calcium alginate	10 g/kg
	E 406	Agar	(individually or in
	E 407	Carrageenan	combination)
	E 410	Locust bean gum	
	E 412	Guar gum	
	E 415	Xanthan gum	
	E 418	Gellan gum	
	E 509	Calcium chloride	quantum satis
	E 524	Sodium hydroxide	quantum satis
Partially dehydrated and	E 300	Ascorbic acid	quantum satis
dehydrated milk	E 301	Sodium ascorbate	quantum satis
	E 304	Fatty acid esters of ascorbic acid	quantum satis
	E 322	Lecithins	quantum satis
	E 331	Sodium citrates	quantum satis
	E 332	Potassium citrates	quantum satis
	E 407	Carrageenan	quantum satis
	E 500	(ii) Sodium bicarbonate	quantum satis
	E 501	(ii) Potassium bicarbonate	quantum satis
	E 509	Calcium chloride	quantum satis

Foodstuff	Additive	;	Maximum level
Sterilised, pasteurised and UHT	E 270	Lactic acid	quantum satis
cream, low-calorie cream and	E 322	Lecithins	quantum satis
pasteurised low-fat cream	E 325	Sodium lactate	quantum satis
	E 326	Potassium lactate	quantum satis
	E 327	Calcium lactate	quantum satis
	E 330	Citric acid	quantum satis
	E 331	Sodium citrates	quantum satis
	E 332	Potassium citrates	quantum satis
	E 333	Calcium citrates	quantum satis
	E 400	Alginic acid	quantum satis
	E 401	Sodium alginate	quantum satis
	E 402	Potassium alginate	quantum satis
	E 403	Ammonium alginate	quantum satis
	E 404	Calcium alginate	quantum satis
	E 406	Agar	quantum satis
	E 407	Carrageenan	quantum satis
	E 410	Locust bean gum	quantum satis
	E 415	Xanthan gum	quantum satis
	E 440	Pectins	quantum satis
	E 460	Celluloses	quantum satis
	E 461	Methyl cellulose	quantum satis
	E 463	Hydroxypropyl cellulose	quantum satis
	E 464	Hydroxypropyl methyl cellulose	quantum satis
	E 465	Ethyl methyl cellulose	quantum satis
	E 466	Carboxymethyl cellulose	quantum satis
		Sodium carboxymethyl cellulose	quantum satis
	E 471	Mono- and diglycerides of fatty	
		acids	quantum satis
	E 508	Potassium chloride	quantum satis
	E 509	Calcium chloride	quantum satis
		Oxidised starch	quantum satis
		Monostarch phosphate	quantum satis
		Distarch phosphate	quantum satis
		Phosphated distarch phosphate	quantum satis
		Acetylated distarch phosphate	quantum satis
		Acetylated starch	quantum satis
		Acetylated distarch adipate	quantum satis
		Hydroxypropyl starch	quantum satis
		Hydroxypropyl distarch phosphate	
	E 1450	Starch sodium octenyl succinate	quantum satis
Frozen and deep-frozen	E 300	Ascorbic acid	quantum satis
unprocessed fruit and vegetables	E 301	Sodium ascorbate	quantum satis
amprocessed truit and vegetables	E 301	Calcium ascorbate	quantum satis
	E 330	Citric acid	quantum satis
	E 330	Citile acid	quantum sums

Foodstuff	Additiv	e	Maximum level
Fruit compote	E 331	Sodium citrates	quantum satis
Unprocessed fish, crustaceans	E 332	Potassium citrates	quantum satis
and molluses, including such	E 333	Calcium citrates	quantum satis
products frozen and deep-			
frozen			
Quick-cook rice	E 471	Mono- and diglycerides of fatty	
		acids	quantum satis
	E 472a	Acetic acid esters of mono- and	
		diglycerides of fatty acids	quantum satis
Non emulsified oils and fats of	E 304	Fatty acid esters of ascorbic acid	quantum satis
animal or vegetable origin	E 306	Tocopherol-rich extract	quantum satis
(except virgin oils and olive	E 307	Alpha-tocopherol	quantum satis
oils)	E 308	Gamma-tocopherol	quantum satis
	E 309	Delta-tocopherol	quantum satis
	E 322	Lecithins	30 g/l
	E 471	Mono- and diglycerides of fatty	
		acids	10 g/l
	E 330	Citric acid	quantum satis
	E 331	Sodium citrates	quantum satis
	E 332	Potassium citrates	quantum satis
	E 333	Calcium citrates	quantum satis
Refined olive oil, including olive pomace oil	E 307	Alpha-tocopherol	200 mg/l
Ripened cheese	E 170	Calcium carbonates	quantum satis
•	E 504	Magnesium carbonates	quantum satis
	E 509	Calcium chloride	quantum satis
	E 575	Glucono-delta-lactone	quantum satis
			_
Mozzarella and whey cheese	E 270	Lactic acid	quantum satis
	E 330	Citric acid	quantum satis
	E 575	Glucono-delta-lactone	quantum satis
Canned and bottled fruit and	E 260	Acetic acid	quantum satis
vegetables	E 261	Potassium acetate	quantum satis
	E 262	Sodium acetates	quantum satis
	E 263	Calcium acetate	quantum satis
	E 270	Lactic acid	quantum satis
	E 300	Ascorbic acid	quantum satis
	E 301	Sodium ascorbate	quantum satis
	E 302	Calcium ascorbate	quantum satis

Foodstuff	Additive		Maximum level	
	E 325	Sodium lactate	quantum satis	
	E 326	Potassium lactate	quantum satis	
	E 327	Calcium lactate	quantum satis	
	E 330	Citric acid	quantum satis	
	E 331	Sodium citrates	quantum satis	
	E 332	Potassium citrates	quantum satis	
	E 333	Calcium citrates	quantum satis	
	E 334	Tartaric acid	quantum satis	
	E 335	Sodium tartrates	quantum satis	
	E 336	Potassium tartrates	quantum satis	
	E 337	Sodium potassium tartrate	quantum satis	
	E 509	Calcium chloride	quantum satis	
	E 575	Glucono-delta-lactone	quantum satis	
Gehakt	E 330	Citric acid	quantum satis	
	E 331	Sodium citrates	quantum satis	
	E 332	Potassium citrates	quantum satis	
	E 333	Calcium citrates	quantum satis	
Pre-packed preparations of	E 300	Ascorbic acid	quantum satis	
fresh minced meat	E 301	Sodium ascorbate	quantum satis	
	E 302	Calcium ascorbate	quantum satis	
	E 330	Citric acid	quantum satis	
	E 331	Sodium citrates	quantum satis	
	E 332	Potassium citrates	quantum satis	
	E 333	Calcium citrates	quantum satis	
Bread prepared solely with the	E 260	Acetic acid	quantum satis	
following ingredients:	E 261	Potassium acetate	quantum satis	
wheat-flour, water, yeast or	E 262	Sodium acetates	quantum satis	
leaven, salt	E 263	Calcium acetate	quantum satis	
	E 270	Lactic acid	quantum satis	
	E 300	Ascorbic acid	quantum satis	
	E 301	Sodium ascorbate	quantum satis	
	E 302	Calcium ascorbate	quantum satis	
	E 304	Fatty acid esters of ascorbic acid	quantum satis	
	E 322	Lecithins	quantum satis	
	E 325	Sodium lactate	quantum satis	
	E 326	Potassium lactate	quantum satis	
	E 327	Calcium lactate	quantum satis	
	E 471	Mono- and diglycerides of fatty	_	
		acids	quantum satis	
	E 472a	Acetic acid esters of mono- and		
		diglycerides of fatty acids	quantum satis	

Foodstuff	Additive	2	Maximum level
	E 472d	Tartaric acid esters of mono- and	
		diglycerides of fatty acids	quantum satis
	E 472e	Mono- and diacetyl tartaric acid	
		esters of mono- and diglycerides	
		of fatty acids	quantum satis
	E 472f	Mixed acetic and tartaric acid	
		esters of mono- and diglycerides	
		of fatty acids	quantum satis
Pain courant français	E 260	Acetic acid	quantum satis
	E 261	Potassium acetate	quantum satis
	E 262	Sodium acetates	quantum satis
	E 263	Calcium acetate	quantum satis
	E 270	Lactic acid	quantum satis
	E 300	Ascorbic acid	quantum satis
	E 301	Sodium ascorbate	quantum satis
	E 302	Calcium ascorbate	quantum satis
	E 304	Fatty acid esters of ascorbic acid	quantum satis
	E 322	Lecithins	quantum satis
	E 325	Sodium lactate	quantum satis
	E 326	Potassium lactate	quantum satis
	E 327	Calcium lactate	quantum satis
	E 471	Mono- and diglycerides of fatty	
		acids	quantum satis
Fresh pasta	E 270	Lactic acid	quantum satis
	E 300	Ascorbic acid	quantum satis
	E 301	Sodium ascorbate	quantum satis
	E 322	Lecithins	quantum satis
	E 330	Citric acid	quantum satis
	E 334	Tartaric acid	quantum satis
	E 471	Mono- and diglycerides of fatty	
		acids	quantum satis
	E 575	Glucono-delta-lactone	quantum satis
Beer	E 270	Lactic acid	quantum satis
•	E 300	Ascorbic acid	quantum satis
	E 301	Sodium ascorbate	quantum satis
	E 330	Citric acid	quantum satis
	E 414	Acacia gum	quantum satis
Foie gras, foie gras entier,	E 300	Ascorbic acid	quantum satis
blocs de foie gras	E 301	Sodium ascorbate	quantum satis

Additive

Maximum level

Wines and sparkling wines and partially fermented grape must

Additives authorised:

in accordance with Regulations (EEC) No. 822/87, (EEC) No. 4252/88, (EEC) No. 2332/92 and (EEC) No. 1873/84 and their implementing regulations, in accordance with Regulation (EEC) No. 1873/84 authorizing the offer or disposal for direct human consumption of certain imported wines which may have undergone oenological processes not provided for in Regulation (EEC) No. 337/79.

pro memoria

THIRD SCHEDULE

Conditionally permitted preservatives and antioxidants

PART A Sorbates, benzoates and p-hydroxybenzoates

E Number	Name	Abbreviation
E 200	Sorbic acid	Sa
E 202	Potassium sorbate	Sa
E 203	Calcium sorbate	Sa
E 210	Benzoic acid	Ba¹
E 211	Sodium benzoate	Ва
E 212	Potassium benzoate	Ва
E 213	Calcium benzoate	Ba
E 214	Ethyl p-hydroxybenzoate	РНВ
E 215	Sodium ethyl p-hydroxybenzoate	PHB
E 216	Propyl p-hydroxybenzoate	PHB
E 217	Sodium propyl p-hydroxybenzoate	PHB
E 218	Methyl p-hydroxybenzoate	PHB
E 219	Sodium methyl p-hydroxybenzoate	PHB

Note:

- 1. The levels of all substances mentioned above are expressed as the free acid.
- 2. The abbreviations used in the table mean the following:
 - Sa + Ba: Sa and Ba used singly or in combination
 - Sa + PHB: Sa and PHB used singly or in combination
 - Sa + Ba + PHB: Sa, Ba and PHB used singly or in combination.
- 3. The maximum levels of use indicated refer to foodstuffs ready for consumption prepared following manufacturers' instructions.

Foodstuff	Maximum level (mg/kg or mg/l as appropriate)					
	Sa	Ba	PHB	Sa+Ba	Sa + PHB	Sa+Ba+ PHB
Wine-based flavoured drinks	200					
Non-alcoholic flavoured drinks ²	300	150		250 Sa+	•	
				150 Ba		
Liquid tea concentrates and liquid fruit and						
herbal infusion concentrates				600		
Grape juice, unfermented, for sacramental						
use				2000		
Wines as referred to in Regulation (EEC)						
no. 822/87; alcohol-free wine, fruit wine						
(including alcohol-free), Made wine, cider						
and perry (including alcohol-free)	200					
SødSaft or SødetSaft	500	200				
Alcohol-free beer in keg		200				
Mead	200					

¹ Benzoic acid may be present in certain fermented products resulting from the fermentation process following good manufacturing practice.

² This entry does not include dairy-based drinks.

Foodstuff	Maximum level (mg/kg or m			or mg/l a	mg/l as appropriate)		
	Sa	Ba	РНВ	Sa+Ba	Sa + PHB	Sa+Ba+ PHB	
Spirits with less than 15% alcohol by							
volume	200	200		400			
Fillings of ravioli and similar products	1000						
Low-sugar jams, jellies, marmalades and							
similar low calorie or sugar-free products							
and other fruit-based spreads							
Mermeladas		500		1000			
Candied, crystallized and glacé fruit and							
vegetables				1000			
Dried fruit	1000				· · · · · · · · · · · · · · · · · · ·		
Frugtgrød and Rote Grütze	1000	500				***	
Fruit and vegetable preparations including							
fruit-based sauces, excluding purée,							
mousse, compote, salads and similar							
products, canned or bottled	1000			•			
Vegetables in vinegar, brine or oil							
(excluding olives)				2000			
Potato dough and pre-fried potato slices	2000			··-·			
Gnocchi	1000						
Polenta	200						
Olives and olive-based preparations	1000					1	
Jelly coatings of meat products (cooked,							
cured or dried); Paté					1000		
Surface treatment of dried meat products						quantum	
						satis	
Semi-preserved fish products including							
fish roe products				2000			
Salted, dried fish				200			
Shrimps, cooked				2000		*****	
Crangon crangon and Crangon vulgaris,					,		
cooked				6000			
Cheese, pre-packed, sliced	1000						
Unripened cheese	1000	·	 				
Processed cheese	2000					***	
Layered cheese and cheese with added							
foodstuffs	1000						
Non-heat-treated dairy-based desserts				300			
Curdled milk	1000						
Liquid egg (white, yolk or whole egg)				5000			
Dehydrated, concentrated, frozen and							
deep-frozen egg products	1000						
Pre-packed sliced bread and rye bread	2000						
Partially baked, pre-packed bakery							
wares intended for retail sale	2000						

Foodstuff	Maximum level (mg/kg or mg/l as appropriate)						
	Sa	Ba	PHB	Sa+Ba	Sa +	Sa+Ba+	
					PHB	PHB	
Fine bakery wares with a water activity of							
more than 0.65	2000						
Cereal- or potato-based snacks and coated							
nuts					1000		
*					(max.		
					300		
					PHB)		
Batters	2000						
Confectionery (excluding chocolate)						1500	
						(max.	
						300 PHB)	
Chewing gum				1500			
Toppings (syrups for pancakes, flavoured					-50.2.3.41.3.2		
syrups for milkshakes and ice-cream;							
similar products)	1000		- tonical				
Fat emulsions (excluding butter) with a fat							
content of 60% or more	1000						
Fat emulsions with a fat content less than				,			
60%	2000						
Emulsified sauces with a fat content of							
60% or more	1000						
Emulsified sauces with a fat content less							
than 60%	2000			×			
Non-emulsified sauces				1000			
Prepared salads				1500			
Mustard				1000			
Seasonings and condiments			•	1000			
Liquid soups and broths (excluding							
canned)				500			
Aspic	1000	500					
Liquid dietary food supplements						2000	
Dietetic foods intended for special medical							
purposes excluding foods for infants and							
young children; dietetic formulae for							
weight control intended to replace total							
daily food intake or an individual meal				1500			

PART B Sulphur dioxide and sulphites

E Number	Name
E 220	Sulphur dioxide
E 221	Sodium sulphite
E 222	Sodium hydrogen sulphite
E 223	Sodium metabisulphite
E 224	Potassium metabisulphite
E 226	Calcium sulphite
E 227	Calcium hydrogen sulphite
E 228	Potassium hydrogen sulphite

Note:

- 1. Maximum levels are expressed as SO₂ in mg/kg or mg/l as appropriate and relate to the total quantity, available from all sources.
- 2. An SO₂ content of not more than 10 mg/kg or 10 mg/l is not considered to be present.

Maximum level (mg/kg or mg/l as appropriate) expressed as SO

	expressed as SO ₂
Burger meat with a minimum vegetable and/or cereal content of 4%	450
Breakfast sausages	450
Longaniza fresca and Butifarra fresca	450
Dried salted fish of the Gadidae species	200
Crustaceans and cephalopods	
■ fresh, frozen and deep-frozen	150³
crustaceans, penaeidae solenceridae, aristeidae family:	
■ up to 80 units	150³
■ between 80 and 120 units	200^{3}
over 120 units	300^{3}
■ cooked	503
Dry biscuit	50
Starches (excluding starches for weaning foods, follow-on formulae	
and infant formulae)	50
Sago	30

³ In edible parts

Foodstuff

Maximum level (mg/kg or mg/l as appropriate) expressed as SO₂

	expressed as SO ₂	
Pearl barley	30	
Dehydrated granulated potatoes	400	
Cereal- and potato-based snacks	50	
Peeled potatoes	50	
Processed potatoes (including frozen and deep-frozen potatoes)	100	
Potato dough	100	
White vegetables, dried	400	
White vegetables, processed (including frozen and deep-frozen when the control of	iite	
vegetables)	50	
Dried ginger	150	
Dried tomatoes	200	
Horseradish pulp	800	
Onion, garlic and shallot pulp	300	
Vegetables and fruits in vinegar, oil or brine (except olives and go	den	
peppers in brine)	100	
Golden peppers in brine	500	
Processed mushrooms (including frozen mushrooms)	50	
Dried mushrooms	100	
Dried fruits		
apricots, peaches, grapes, prunes and figs	2000	
■ bananas	1000	
apples and pears	600	
■ other (including nuts in shell)	500	
Dried coconut	50	
Candied, crystallized or glacé fruit, vegetables, angelica and citrus	s peel 100	

Foodstuff

Maximum level (mg/kg or mg/l as appropriate) expressed as SO₂

	expressed as SO_2
Jam, jelly and marmalade (except extra jam and extra jelly	y) and other
similar fruit spreads including low-calorie products	50
Jams, jellies and marmelades made with sulphited fruit	100
Fruit-based pie filling	100
Citrus-juice-based seasonings	200
Concentrated grape juice for home wine-making	2000
Mostarda di frutta	100
Jellying fruit extract, liquid pectin for sale to the final con	sumer 800
Bottled whiteheart cherries, rehydrated dried fruit and lyc	hees 100
Bottled, sliced lemon	250
Sugars, except glucose syrup, whether or not dehydrated	15
Glucose syrup, whether or not dehydrated	20
Treacle and molasses	70
Other sugars	40
Toppings (syrups for pancakes, flavoured syrups for milk	shakes and
ice cream; similar products)	40
Orange, grapefruit, apple and pineapple juice for bulk dis	pensing in
catering establishments	50
Lime and lemon juice	350
Concentrates based on fruit juice and containing not less	than 2.5%
barley (barley water)	350
Other concentrates based on fruit juice or comminuted fru	uit;
capilé groselha	250
Non-alcoholic flavoured drinks containing fruit juice	20
	(carry-over from concentrates only)
Non-alcoholic flavoured drinks containing at least 235 g/	l glucose syrup 50

Foodstuff

Maximum level (mg/kg or mg/l as appropriate) expressed as SO.

	expressed as SO ₂
Grape juice, unfermented, for sacramental use	70
Glucose-syrup-based confectionery	50
	(carry-over from the glucose syrup only)
Beer including low-alcohol and alcohol-free beer	20
Beer with a second fermentation in the cask	50
Wines	In accordance with Regulations
	(EEC) No. 822/87, (EEC) No.
	4252/88, (EEC) No. 2332/92 and
	(EEC) No. 1873/84 and their
	implementing regulations;
	(pro memoria) in accordance with
	Regulation (EEC) No. 1873/84
	authorizing the offer or disposal for
	direct human consumption of certain
	imported wines which may have
	undergone oenological processes no
	provided for in Regulation (EEC)
	No. 337/79.
Alcohol-free wine	200
Made wine	260
Cider, perry, fruit wine, sparkling fruit wine (includi	ing alcohol-free
products)	200
Mead	200
Fermentation vinegar	170
Mustard, excluding Dijon mustard	250
Dijon mustard	500
Gelatine	50
Vegetable- and cereal-protein-based meat, fish and o	
analogues	200

PART C
Other preservatives

E No.	Name	Foodstuff	Maximum level
E 230	Biphenyl, diphenyl	Surface treatment of citrus fruits	70 mg/kg
E 231	Orthophenyl phenol	Surface treatment of citrus	12 mg/kg
E 232	Sodium orthophenyl r		individually or in combination
	oodani oranophony. p	1010	expressed as orthophenyl pheno
E 233	Thiabendazole	Surface treatment of:	enpressed as oratophonyl phono
		citrus fruit	6 mg/kg
		■ bananas	3 mg/kg
E 234	Nisin ⁴	Semolina and tapioca pudding	
2 23 1	1 120111	and similar products	3 mg/kg
		Ripened cheese and processed	
		cheese	1 12.5 mg/kg
		Clotted cream	10 mg/kg
		Ciottea Cream	10 mg/kg
E 235	Natamycin	Surface treatment of:	
	- · · · · · · · · · · · · · · · · · · ·	■ hard, semi-hard and semi-	1 mg/dm ² surface
		soft cheese	(not present at a depth of
		dried, cured sausages	5 mm)
		= uned, cured sausages	3 mm)
E 239	Hexamethylene tetran	ine <i>Provolone</i> cheese	25 mg/kg residual amount,
	-		expressed as formaldehyde
E 242	Dimethyl dicarbonate	Non-alcoholic flavoured drink	cs 250 mg/l ingoing amount,
		Alcohol-free wine	residues not detectable
		Liquid tea concentrate	
E 284	Boric acid	Sturgeons' eggs (Caviar)	4 g/kg expressed as boric acid
E 285	Sodium tetraborate (b	orax)	
E No.	Name	Foodstuff	Indicative Residual
			ingoing amount
			amount (mg/kg)
			(mg/kg)
E 249	Potassium nitrite ^a	Non-heat-treated, cured, dried meat	150 ^b 50 ^c
E 250	Sodium nitrite ^a	products	
		Other cured meat products	
		Canned meat products	150 ^b 100 ^c
		Foie gras, foie gras entier, blocs de foi	e
		gras	
		Cured bacon	

E No.	Name	Foodstuff	Indicative ingoing amount (mg/kg)	Residual amount (mg/kg)
E 251 E 252	Sodium nitrate Potassium nitrate	Cured meat products Canned meat products	300	250 ^d
		Hard, semi-hard and semi-soft cheese Dairy-based cheese analogue		50 ^d
		Pickled herring and sprat		200°

E No.	Name	Foodstuff	Maximum level
E 280	Propionic acid ^f	Pre-packed sliced bread and rye bread	3000 mg/kg
E 281	Sodium propionate ^f		expressed as propionic
E 282	Calcium propionate ^f		acid
E 283	Potassium propionate ^f		
		Energy reduced bread	
		Partially baked, pre-packed bread	2000 mg/kg
		Pre-packed fine bakery wares (including	expressed as propionic
		flourconfectionery) with a water activity	acid
		of more than 0.65	
		Pre-packed rolls, buns and pitta	
		Christmas pudding	1000 mg/kg
		Pre-packed bread	expressed as propionic
			acid
E1105	Lysozyme	Ripened cheese	quantum satis

⁴This substance may be present naturally in certain cheeses as a result of fermentation processes.

^a When labelled 'for food use', nitrite may only be sold in a mixture with salt or a salt substitute.

^b Expressed as NaNO₂.

^c Residual amount at point of sale to the final consumer, expressed as Na NO₂.

d Expressed as NaNO₃.

e Residual amount, nitrite formed from nitrate included, expressed as NaNO₂.

^f Propionic acid and its salts may be present in certain fermented products resulting from the fermentation process following good manufacturing practice.

PART D Other antioxidants

Note:

The * in the table refers to the proportionality rule: when combinations of gallates, BHA and BHT are used, the individual levels must be reduced proportionally.

E No.	Name	Foodstuff	Maximum level (mg/kg)
E 310	Propyl gallate	Fats and oils for the professional	200* (gallates and BHA,
E 311	Octyl gallate	manufacture of heat-treated foodstuffs	individually or in
E 312	Dodecyl gallate		combination) expressed
E 320	Butylated		on fat
	hydroxyanisole		
	(BHA)	Frying oil and frying fat, excluding oli	ive 100* (BHT) expressed
E 321	Butylated	pomace oil	on fat
	hydroxytoluene		
	(BHT)	Lard; fish oil; beef, poultry and sheep	fat
		Cake mixes	200 (gallates and BHA,
		Cereal-based snack foods	individually or in
		Milk powder for vending machines	combination), expressed on
		Dehydrated soups and broths	fat
		Sauces	
		Dehydrated meat	
		Processed nuts	
		Seasonings and condiments	
		Pre-cooked cereals	
		Dehydrated granulated potatoes	25 (gallates and BHA, individually or in combination)
		Chewing gum	400 (gallates, BHT and
		Dietary supplements	BHA, individually or in combination)
E 315 E 316	Erythorbic acid Sodium erythorbate	Semi-preserved and preserved meat products	500 (expressed as erythorbi acid)
		Preserved and semi-preserved fish pro Frozen and deep-frozen fish with red	

FOURTH SCHEDULE

Other Permitted Additives

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

E.No.	Name	Foodstuff	Maximum level
E 297	Fumaric acid	Wine in accordance with Regulation (EEC) No. 1873/84 authorizing the offer or disposal for direct human consumption of certain imported wines which may have undergone oenological processes not provided for in Regulation (EEC) No. 337/79	pro memoria
		Fillings and toppings for fine bakery wares	2.5 g/kg
		Sugar confectionery	1 g/kg
		Gel-like desserts Fruit-flavoured desserts Dry powdered dessert mixes	4 g/kg
		Instant powders for fruit based drinks	1 g/l
		Instant tea powder	1 g/l
		Chewing gum	2 g/kg

In the following applications, the indicated maximum quantities of phosphoric acid and the phosphates E 338, E 339, E 340, E 341, E 450, E 451 and E 452 may be added individually or in combination (expressed as P_2O_5)

E.No.	Name	Foodstuff	Maximum level
E 338	Phosphoric acid	Non-alcoholic flavoured drinks	700 mg/l ¹
		Sterilised and UHT milk	1 g/l
E 339	Sodium phosphates	Partly dehydrated milk with less with 28% solids	1 g/kg
	(i) Monosodium	Partly dehydrated milk with more than 28% solids	1.5 g/kg
	phosphate	Dried milk and dried skimmed milk	2.5 g/kg
	(ii) Disodium	Pasteurised, sterilised and UHT creams	5 g/kg
	phosphate	Whipped cream and vegetable fat analogues	5 g/kg
	(iii) Trisodium	Unripened cheese (except Mozzarella)	2 g/kg
	phosphate	Processed cheese and processed cheese analogues	20 g/kg
		Meat products	5 g/kg

¹ E 338 only.

E.No.	Name	Foodstuff	Maximum level
E 340	Potassium phosphates	Sport drinks and prepared table waters	0.5 g/l
	(i) Monopotassium	Dietary supplements	quantum satis
	phosphate	Salt and its substitutes	10 g/kg
	(ii) Dipotassium	Vegetable protein drinks	20 g/l
	phosphate	Beverage whiteners	30 g/kg
	(iii) Tripotassium	Beverage whiteners for vending machines	50 g/kg
	phosphate	Edible ices	1 g/kg
	•	Desserts	3 g/kg
E 341	Calcium phosphates	Dry powdered dessert mixes	7 g/kg
	(i) Monocalcium	Fine bakery wares	20 g/kg
	phosphate	Flour	2.5 g/kg
	(ii) Dicalcium phosphate	Flour, self-raising	20 g/kg
	(iii) Tricalcium	Soda bread	20 g/kg
	phosphate	Liquid egg (white, yolk or whole egg)	10 g/kg
		Sauces	5 g/kg
E 450	Diphosphates	Soups and broths	3 g/kg
	(i) Disodium	Tea and herbal infusions	2 g/l
	diphosphate	Cider and perry	2 g/l
	(ii) Trisodium	Chewing gum	quantum satis²
	diphosphate	Dried powdered foodstuffs	10 g/kg ³
	(iii) Tetrasodium	Chocolate and malt dairy-based drinks	2 g/l
	diphosphate	Alcoholic drinks (excluding wine and beer)	1 g/l
	(iv) Dipotassium	Breakfast cereals	5 g/kg
	diphosphate	Snacks	5 g/kg
	(v) Tetrapotassium	Surimi	1 g/kg
	diphosphate	Fish and crustacean paste	5 g/kg
	(vi) Dicalcium	Toppings (syrups for pancakes, flavoured syrups	0 0
	diphosphate	for milkshakes and ice cream; similar products)	3 g/kg
	(vii)Calcium dihydrogen	Special formulae for particular nutritional uses	5 g/kg
	diphosphate	Glazings for meat and vegetable products	4 g/kg
	o.poop	Sugar confectionery	5 g/kg
E 451	Triphosphates	Icing sugar	10 g/kg
	(i) Pentasodium	Noodles	2 g/kg
	triphosphate	Batters	5 g/kg
	(ii) Pentapotassium	Fillets of unprocessed fish, frozen and deep-frozen	5 g/kg
	triphosphate	Frozen and deep-frozen crustacean products	5 g/kg
	The state of the s	Processed potato products (including frozen, deep-	5 5
		frozen, chilled and dried processed products)	5 g/kg
E 452	Polyphosphates		
	(i) Sodium polyphosphat	e	
	(ii) Potassium		
	polyphosphate		
	(iii) Sodium calcium		
	polyphosphate		
	(iv) Calcium		
	polyphosphates		

E.No	Name	Foodstuff	Maximum level
E 431	Polyoxyethylene (40) stearate	Wine in accordance with Regulation (EEC) No. 1873/84 authorizing the offer or disposal for direct human consumption of certain imported	pro memoria
		wines which may have undergone oenological processes not provided for in Regulation (EEC) No. 337/79	
E 353	Metatartaric acid	Made wine	100 mg/l
		Wine in accordance with Regulations (EEC) No.	
		822/87, (EEC) No. 4252/88, (EEC) No. 2332/92	
		and (EEC) No. 1873/84 and their implementing	
		regulations	
E 355	Adipic acid	Fillings and toppings for fine bakery wares	2 g/kg
E 356	Sodium adipate	Dry powdered dessert mixes	1 g/kg
E 357	Potassium adipate	Gel-like desserts	6 g/kg
		Fruit-flavoured desserts	1 g/kg
		Powders for home preparation of drinks	10 g/l
			(all above
			expressed as
			adipic acid)
E 363	Succinic acid	Desserts	6 g/kg
		Soups and broths	5 g/kg
		Powders for home preparation of drinks	3 g/l
E 385	Calcium disodium	Emulsified sauces	75 mg/kg
	ethylene diamine tetra-	Canned and bottled pulses, legumes, mushrooms	
	acetate (calcium	and artichokes	250 mg/kg
	disodium EDTA)	Canned and bottled crustaceans and molluscs	75 mg/kg
		Canned and bottled fish	75 mg/kg
		Minarine	100 mg/kg
		Frozen and deep-frozen crustaceans	75 mg/kg
E 405	Propane-1,2-diol	Fat emulsions	3 g/kg
	alginate	Fine bakery wares	2 g/kg
		Fillings, toppings and coatings for fine bakery	
		wares and desserts	5 g/kg
		Sugar confectionery	1.5 g/kg
		Water-based edible ices	3 g/kg
		Cereal- and potato-based snacks	3 g/kg
		Sauces	8 g/kg
		Beer	100 mg/l
		Chewing gum	5 g/kg

E.No	Name	Foodstuff	Maximum level
		Fruit and vegetable preparations	5 g/kg
		Non-alcoholic flavoured drinks	300 mg/l
		Emulsified liqueur	10 g/l
		Dietetic foods intended for special medical	
		purposes - Dietetic formulae for weight control	
		intended to replace total daily food intake or an	
		individual meal	1.2 g/kg
		Dietary food supplements	1 g/kg
416	Karaya gum	Cereal- and potato-based snacks	5 g/kg
		Nut coatings	10 g/kg
		Fillings, toppings and coatings for fine bakery	
		wares	5 g/kg
		Desserts	6 g/kg
		Emulsified sauces	10 g/kg
		Egg-based liqueurs	10 g/l
		Dietary food supplements	quantum satis
		Chewing gum	5 g/kg
420	Sorbitol	Foodstuffs in general (except drinks and those	quantum satis
	(i) Sorbitol	foodstuffs referred to in regulation 4.3)	(for purposes other
	(ii) Sorbitol syrup	Frozen and deep-frozen unprocessed fish,	than sweetening)
E 42 1	Mannitol	crustaceans, molluscs and cephalopods	
E 953	Isomalt	Liqueurs	
965	Maltitol		
	(i) Maltitol		
	(ii) Maltitol syrup		
E 966	Lactitol		
E 967	Xylitol		
E 432	Polyoxyethylene	Fine bakery wares	3 g/kg
	sorbitan monolaurate	Fat emulsions for baking purposes	10 g/kg
	(polysorbate 20)	Milk and cream analogues	5 g/kg
E 433	Polyoxyethylene	Edible ices	1 g/kg
	sorbitan monooleate	Desserts	3 g/kg
	(polysorbate 80)	Sugar confectionery	1 g/kg
E 434	Polyoxyethylene	Emulsified sauces	5 g/kg
	sorbitan monopalmitate	Soups	1 g/kg
	(polysorbate 40)	Chewing gum	5 g/kg
E 435	Polyoxyethylene	Dietary food supplements	quantum satis
	sorbitan monostearate	Dietetic foods intended for special medical	
	(polysorbate 60)	purposes - Dietetic formulae for weight control	4 4
E 436	Polyoxyethylene	intended to replace total daily food intake or an	1 g/kg
	sorbitan tristearate	individual meal	Individually or in
	(polysorbate 65)		combination

E.No	Name	Foodstuff	Maximum level
E 442	Ammonium phosphatides	Cocoa and chocolate products	10 g/kg
		Cocoa-based confectionery	10 g/kg
E 444	Sucrose acetate isobutyrate	Non-alcoholic flavoured cloudy drinks	300 mg/l
E 445	Glycerol esters of wood rosins	Non-alcoholic flavoured cloudy drinks	100 mg/l
E 473	Sucrose esters of fatty	Canned liquid coffee	1 g/i
	acids	Heat treated meat products	5 g/kg
			(on fat)
E 474	Sucroglycerides	Fat emulsions for baking purposes	10 g/kg
		Fine bakery wares	10 g/kg
		Beverage whiteners	20 g/kg
		Edible ices	5 g/kg
		Sugar confectionery	5 g/kg
		Desserts	5 g/kg
		Sauces	10 g/kg
		Soups and broths	2 g/kg
		Fresh fruits, surface treatment	quantum satis
		Non-alcoholic aniseed-based drinks	5 g/l
		Non-alcoholic coconut and almond drinks	5 g/l
		Spirituous beverages (excluding wine and beer)	5 g/l
		Powders for the preparation of hot beverages	10 g/l
		Dairy-based drinks	5 g/l
		Dietary food supplements	quantum satis
		Dietetic foods intended for special medical	
		purposes - dietetic formulae for weight control	
		intended to replace total daily food intake or an	
		individual meal	5 g/kg
		Chewing gum	10 g/kg
			Individually or in
			combination
E 475	Polyglycerol esters of	Fine bakery wares	10 g/kg
	fatty acids	Emulsified liqueurs	5 g/l
	-	Egg products	1 g/kg
		Beverage whiteners	0.5 g/kg
		Chewing gum	5 g/kg
		Fat emulsions	5 g/kg
		Milk and cream analogues	5 g/kg
		Sugar confectionery	2 g/kg
		Desserts	2 g/kg

E.No	Name	Foodstuff	Maximum level
		Dietary food supplements	quantum satis
		Dietetic foods intended for special medical	
		purposes - dietetic formulae for weight control	
		intended to replace total daily food intake or an	
		individual meal	5 g/kg
		Granola-type breakfast cereals	10 g/kg
E 476	Polyglycerol	Low and very low fat spreads and dressings	4 g/kg
	polyricinoleate	Cocoa-based confectionery, including chocolate	5 g/kg
E 477	Propane-1,2-diol esters	Fine bakery wares	5 g/kg
	of fatty acids	Fat emulsions for baking purposes	10 g/kg
		Milk and cream analogues	5 g/kg
		Beverage whiteners	1 g/kg
		Edible ices	3 g/kg
		Sugar confectionery	5 g/kg
		Desserts	5 g/kg
		Whipped dessert toppings other than cream	30 g/kg
		Dietetic foods intended for special medical	
		purposes - dietetic formulae for weight control	
		intended to replace total daily food intake or an	
		individual meal	1 g/kg
E 479b	Thermally oxidised soya bean oil interacted with mono-and diglycerides of fatty acids	Fat emulsions for frying purposes	5 g/kg
 E 481	Sodium stearoyl-2-	Fine bakery wares	5 g/kg
	lactylate	Quick-cook rice	4 g/kg
	•	Breakfast cereals	5 g/kg
E 482	Calcium stearoyl-2-	Emulsified liqueur	8 g/l
	lactylate	Spirits with less than 15% alcohol by volume	8 g/l
		Cereal-based snacks	2 g/kg
		Chewing gum	2 g/kg
		Fat emulsions	10 g/kg
		Desserts	5 g/kg
		Sugar confectionery	5 g/kg
		Beverage whiteners	3 g/kg
		Cereal- and potato-based snacks	5 g/kg
		Minced and diced canned meat products	4 g/kg
		Powders for the preparation of hot beverages	2 g/l
		Powders for the preparation of hot beverages Dietetic foods intended for special medical	2 g/l
			2 g/l

E.No	Name	Foodstuff	Maximum level
		individual meal	2 g/kg
		Bread (except that referred to in the Second	
		Schedule)	3 g/kg
		Mostarda di frutta	2 g/kg
		•	Individually or in
			combination
E 483	Stearyl tartrate	Bakery wares (except breads referred to in the	
		Second Schedule)	4 g/kg
		Desserts	5 g/kg
E 491	Sorbitan monostearate	Fine bakery wares	10 g/kg
E 492	Sorbitan tristearate	Toppings and coatings for fine bakery wares	5 g/kg
E 493	Sorbitan monolaurate	Jelly marmalade	25 mg/kg ⁴
E 494	Sorbitan monooleate	Fat emulsions	10 g/kg
E 495	Sorbitan monopalmitate	Milk and cream analogues	5 g/kg
, 0		Beverage whiteners	5 g/kg
	•	Liquid tea concentrates and liquid fruit and herbal	J B/NB
		infusions concentrates	0.5 g/l
		Edible ices	0.5 g/kg
		Desserts	5 g/kg
		Sugar confectionery	- -
			5 g/kg
		Cocoa-based confectionery, including chocolate Emulsified sauces	10 g/kg ⁵
			5 g/kg
		Dietary food supplements	quantum satis
		Yeast for baking	quantum satis
		Chewing gum Dietetic foods intended for special medical	5 g/kg
		purposes - dietetic formulae for weight control	5 g/kg
		intended to replace total daily food intake or an	Individually or in
		individual meal	combination
E 512	Stannous chloride	Canned and bottled white asparagus	25 mg/kg as Sn
E 520	Aluminium sulphate	Egg white	30 mg/kg
E 521	Aluminium sodium	Candied, crystallized and glacé fruit and vegetables	200 mg/kg
	sulphate		Individually or in
E 522	Aluminium potassium		combination,
	sulphate		expressed as Al
E 523	Aluminium ammonium sulphate		
E 541	Sodium aluminium	Fine bakery wares (scones and sponge wares only)	1 g/kg
	phosphate, acidic		expressed as Al

⁴ E 493 only. ⁵ E 492 only.

E.No	Name	Foodstuff	Maximum level
E 535 E 536 E 538	Sodium ferrocyanide Potassium ferrocyanide Calcium ferrocyanide	Salt and its substitutes	Individually or in combination, 20 mg/kg as anhydrous potassium ferrocyanide
E 551	Silicon dioxide	Dried powdered foodstuffs (including sugars)	10 g/kg
E 552	Calcium silicate	Salt and its substitutes	10 g/kg 10 g/kg
E 553a	(i) Magnesium silicate	Dietary food supplements	quantum satis
	(ii)Magnesium trisilicate ⁶	Foodstuffs in tablet and coated tablet form	quantum satis
E 553b	Talc ⁶	Sliced hard cheese and sliced processed cheese	10 g/kg
E 554	Sodium aluminium silicate		Individually or in combination
E 555	Potassium aluminium silicate		
E 556	Calcium aluminium	Chewing gum	quantum satis ⁷
	silicate	Rice	quantum satis ⁷
E 559	Aluminium silicate	Sausages (surface treatment only)	quantum satis ⁷
	(Kaolin)	Moulded jelly sweets (surface treatment only)	quantum satis ⁷
E 579	Ferrous gluconate	Olives darkened by oxidation	150 mg/kg as Fe
E 585	Ferrous lactate		
E 620	Glutamic acid	Foodstuffs in general (except those referred to in	10 g/kg
E 621	Monosodium glutamate	Regulation 4 (3))	Individually or in
E 622	Monopotassium glutamate		combination
E 623	Calcium diglutamate	Condiments and seasonings	quantum satis
E 624	Monoammonium glutamate		
E 625	Magnesium diglutamate		
E 626	Guanylic acid	Foodstuffs in general (except those referred to in	500 mg/kg
E 627	Disodium guanylate	Regulation 4 (3))	individually or in
E 628	Dipotassium guanylate		combination,
E 629	Calcium guanylate		expressed as
E 630	Inosinic acid		guanylic acid
E 631	Disodium inosinate		
E 632	Dipotassium inosinate	Seasonings and condiments	quantum satis
E 633	Calcium inosinate		
E 634	Calcium 5'-		
	ribonucleotides		
⁶ Asbes	tos free.		

⁶ Asbestos free.

 $^{^7}$ E 553B only.

E.No	Name	Foodstuff	Maximum level
E 635	Disodium 5'- ribonucleotides		
E 900	Dimethylpolysiloxane	Jam, jellies and marmalades and similar fruit	
		spreads, including low calorie products	10 mg/kg
		Soups and broths	10 mg/kg
		Oils and fats for frying	10 mg/kg
		Confectionery (excluding chocolate)	10 mg/kg
		Non-alcoholic flavoured drinks	10 mg/l
		Pineapple juice	10 mg/l
		Canned and bottled fruit and vegetables	10 mg/kg
		Chewing gum	100 mg/kg
		Sød saft	10 mg/l
		Batters	10 mg/kg
E 901	Beeswax, white and	As glazing agents only for:	quantum satis
	yellow	■ Confectionery (including chocolate)	
E 902	Candelilla wax	■ Small products of fine bakery wares coated with	
E 903	Carnauba wax	chocolate	
E 904	Shellac	■ Snacks	
		■ Nuts	
		■ Coffee beans	
		Dietary food supplements	quantum satis
		Fresh citrus fruits, melons, apples and pears	quantum satis
		(surface treatment only)	
E 912	Montan acid esters	Fresh citrus fruits (surface treatment only)	quantum satis
E 914	Oxidised polyethylene wax		
E 927b	Carbamide	Chewing gum without added sugars	30 g/kg
E 950	Acesulfame-K	Chewing gum with added sugars	800 mg/kg
E 951	Aspartame		2500 mg/kg
E 957	Thaumatin		10 mg/kg
			(as flavour enhancer
			only) ⁸
 E 959	Neohesperidine DC	Chewing gum with added sugars	150 mg/kg ⁸

⁸ If E 950, E 951, E 957 and E 959 are used in combination in chewing gum, the maximum level for each is reduced proportionally.

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Name	Foodstuff	Maximum level
	Minarine	(as flavour enhancer
	Meat products	only)
	Fruit jellies	
	Vegetable proteins	
Quillaia extract	Water-based flavoured non-alcoholic drinks	200 mg/l (calculated as anhydrous extract)
Polyvinylpyrrolidone Polyvinylpolypyrrolidone	Dietary food supplements in tablet and coated tablet form	quantum satis
Triethyl citrate	Dried egg white	quantum satis
	Quillaia extract Polyvinylpyrrolidone Polyvinylpolypyrrolidone	Minarine Meat products Fruit jellies Vegetable proteins Quillaia extract Water-based flavoured non-alcoholic drinks Polyvinylpyrrolidone Polyvinylpolypyrrolidone Tietary food supplements in tablet and coated tablet form

FIFTH SCHEDULE Permitted Carriers and Carrier Solvents

Note:

Not included in this list are:

- 1. Substances generally considered as foodstuffs;
- 2. Substances referred to in Regulation 3(2);
- 3. Substances having primarily an acid or acidity regulator function, such as citric acid and ammonium hydroxide.

E No.	Name	Restricted use
	Propan-1,2-diol (propylene glycol)	Colours, emulsifiers, antioxidants and enzymes (maximum 1 g/kg in the foodstuff)
E 422	Glycerol	
E 420	Sorbitol	
E 421	Mannitol	
E 953	Isomalt	
E 965	Maltitol	
E 966	Lactitol	
E 967	Xylitol	
E 400 -	Alginic acid and its sodium, potassium, calcium and	
E 404	ammonium salts	
E 405	Propan-1,2-diol alginate	
E 406	Agar	
E 407	Carrageenan	
E 410	Locust bean gum	
E 412	Guar gum	
E 413	Tragacanth	
E 414	Acacia gum (gum arabic)	
E 415	Xanthan gum	
E 440	Pectins	
E 432	Polyoxyethylene sorbitan monolaurate (polysorbate 20)	
E 433	Polyoxyethylene sorbitan monooleate (polysorbate 80)	
E 434	Polyoxyethylene sorbitan monopalmitate (polysorbate 40)	Antifoaming agents
E 435	Polyoxyethylene sorbitan monostearate (polysorbate 60)	
E 436	Polyoxyethylene sorbitan tristearate (polysorbate 65)	
E 442	Ammonium phosphatides	Antioxidants
E 460	Cellulose (microcrystalline or powdered)	
E 461	Methyl cellulose	
E 463	Hydroxypropyl cellulose	

E No.	Name	Restricted use
E 464	Hydroxypropyl methyl cellulose	
E 465	Ethyl methyl cellulose	
E 466	Carboxy methyl cellulose	
	Sodium carboxy methyl cellulose	
E 322	Lecithins	
E 432 -	Polysorbates 20, 40, 60, 65 and 80	
E 436		
E 470b	Magnesium salts of fatty acids	
E 471	Mono- and diglycerides of fatty acids	Colours and fat-soluble antioxidants
E 472a	Acetic acid esters of mono- and diglycerides of fatty acids	
E 472c	Citric acid esters of mono- and diglycerides of fatty acids	
E 472e	Mono- and diacetyl tartaric acid esters of mono- and	
	diglycerides of fatty acids	
E 473	Sucrose esters of fatty acids	
E 475	Polyglycerol esters of fatty acids	
E 491	Sorbitan monostearate	
E 492	Sorbitan tristearate	
E 493	Sorbitan monolaurate	Colours and antifoaming agents
E 494	Sorbitan monooleate	
E 495	Sorbitan monopalmitate	
E 1404	Oxidised starch	
E 1410	Monostarch phosphate	
E 1412	Distarch phosphate	
E 1413	Phosphated distarch phosphate	
E 1414	Acetylated distarch phosphate	
E 1420	Acetylated starch	
E 1422	Acetylated distarch adipate	
E 1440	Hydroxypropyl starch	
E 1442	Hydroxypropyl distarch phosphate	
E 1450	Starch sodium octenyl succinate	
E 170	Calcium carbonates	·
E 263	Calcium acetate	
E 331	Sodium citrates	
E 332	Potassium citrates	
E 341	Calcium phosphates	
E 501	Potassium carbonates	
E 504	Magnesium carbonates	
E 508	Potassium chloride	
E 509	Calcium chloride	
E 511	Magnesium chloride	
E 514	Sodium sulphate	

E No.	Name	Restricted use	
E 515	Potassium sulphate		
E 516	Calcium sulphate		
E 517	Ammonium sulphate		
E 577	Potassium gluconate		
E 640	Glycine and its sodium salt		
E 1505	Triethyl citrate		
E 1518	Glyceryl triacetate (triacetin)		
E 551	Silicon dioxide	Emulsifiers and colours, max. 5%	
E 552	Calcium silicate		
E 553b	Talc	Colours, max. 5%	
E 558	Bentonite		
E 559	Aluminium silicate (Kaolin)		
E 901	Beeswax	Colours	
E 1200	Polydextrose		
E 1201	Polyvinylpyrrolidone		
	Polyvinylpolypyrrolidone	Sweeteners	

SIXTH SCHEDULE Food Additives permitted in Foods for Infants and Young Children

Note:

Formulae and weaning 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 10 g/kg of each of these substances, as well as E 421 mannitol when used as a carrier for vitamin B12 (not less than 1 part vitamin B12 to 1000 parts mannitol).

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.
- 2. If more than one of the substances E 322 and E 471 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.

E No.	Name	Maximum level
E 270	Lactic acid (L(+)-form only)	quantum satis
E 330	Citric acid	quantum satis
E 338	Phosphoric acid	In conformity with the limits set in the
		First Schedule to the Infant Formulae
		and Follow-On Formulae Regulations,
		1998.
E 306	Tocopherol-rich extract	10 mg/l individually or in combination
E 307	Alpha-tocopherol	
E 308	Gamma-tocopherol	
E 309	Delta-tocopherol	
E 322	Lecithins	1 g/l
E 471	Mono- and diglycerides	4 g/l

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.
- 2. If more than one of the substances E 322 and E 471 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 substance 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 substance in that foodstuff.

E No. Name		Maximum level	
 Е 270	Lactic acid (L(+)-form only)	quantum satis	
E 330	Citric acid	quantum satis	
E 306	Tocopherol-rich extract	10 mg/l	
E 307	Alpha-tocopherol	Individually or in combination	
E 308	Gamma-tocopherol	*	
E 309	Delta-tocopherol		
E 338	Phosphoric acid	In conformity with the limits set in the First Schedule to the Infant Formulae and Follow-On Formulae Regulations, 1998.	
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	0.3g/l	
E 410	Locust bean gum	1 g/l	
E 412	Guar gum 1 g/l		

PART 3

Food Additives permitted in Weaning Foods for Infants and Young Children in Good Health

E No.	Name	Foodstuff	Maximum level
E 170	Calcium carbonates		
E 260	Acetic acid		
E 261	Potassium acetate		
E 262	Sodium acetates		
E 263	Calcium acetate		
E 270	Lactic acid *		
E 296	Malic acid *		quantum satis
E 325	Sodium lactate *	Weaning foods	(only for pH adjustment)
E 326	Potassium lactate *		
E 327	Calcium lactate *		
E 330	Citric acid		
E 331	Sodium citrates		
E 332	Potassium citrates		
E 333	Calcium citrates		
E 507	Hydrochloric acid		
E 524	Sodium hydroxide		
E 525	Potassium hydroxide		
E 526	Calcium hydroxide		
E 500	Sodium carbonates	Weaning foods	quantum satis
E 501	Potassium carbonates		(only as raising agents)
E 503	Ammonium carbonates		Individually or in
			combination, expressed
			as ascorbic acid
E 300	L-ascorbic acid	Fruit- and vegetable-based	0.3 g/kg
E 301	Sodium L-ascorbate	drinks, juices and baby foods	
E 302	Calcium L-ascorbate	Fat-containing cereal-based	0.2 allea
		foods including rusks and	0.2 g/kg
		biscuits	
		Discuits	
E 304	L-ascorbyl palmitate		
E 306	Tocopherol-rich extract	Fat-containing cereals,	0.1 g/kg
E 307	Alpha-tocopherol	biscuits, rusks and baby foods	Individually or in combination
E 308	Gamma-tocopherol	2.222.22, 2.22.22 41.22 24.27 2.2043	
E 309	Delta-tocopherol		
E 338	Phosphoric acid	Weaning foods	1 g/kg as P ₂ O ₅ (only for pH adjustment)

^{*} L(+)-form only.

E No.	Name	Foodstuff	Maximum level
E 339	Sodium phosphates		1 g/kg
E 340	Potassium phosphates	Cereals	Individually or in combination,
E 341	Calcium phosphates		expressed as P ₂ O ₅
E 322	Lecithins	Biscuits and rusks Cereal-based foods Baby foods	10 g/kg
E 471	Mono- and diglycerides of fatty acids		
E 472a	Acetic acid esters of mono- and diglycerides of fatty acids	Biscuits and rusks	5 g/kg
E 472b	Lactic acid esters of mono- and diglycerides of fatty acids	Cereal-based foods Baby foods	Individually or in combination
E 472c	Citric acid esters of mono- and diglycerides of fatty acids		
E 400	Alginic acid		
E 401	Sodium alginate	Desserts	0.5 g/kg
E 402	Potassium alginate	Puddings	Individually or in combination
E 404	Calcium alginate		
E 410	Locust bean gum	Weaning foods	10 g/kg
E 412	Guar gum		Individually or in combination
E 414	Acacia gum (gum arabic)		00 1
E 415 E 440	Xanthan gum Pectins	Gluten-free cereal-based foods	20 g/kg Individually or in combination
E 551	Silicon dioxide	Dry cereals	2 g/kg
E 334	Tartaric acid *		
E 335	Sodium tartrate *		
E 336	Potassium tartrate *	Biscuits and rusks	5 g/kg
E 354	Calcium tartrate *		as a residue
E 450a	Disodium diphosphate		
E 575	Glucono-delta-lactone		
E 1404	Oxidised starch		
E 1410	Monostarch phosphate		
E 1412	Distarch phosphate		
E 1413	Phosphated distarch phosphate	Weaning foods	50 g/kg
E 1414	Acetylated distarch phosphate		
E 1420	Acetylated starch		
E 1422	Acetylated distarch adipate		
E 1450	Starch sodium octenyl succinate		

PART 4

Food Additives permitted in Foods for Infants and Young Children for Special Medical Purposes

The tables in Parts 1 to 3 of the Sixth Schedule are applicable.

^{*} L(+)-form only.

