

**Changes to legislation:** There are outstanding changes not yet made to Regulation (EC) No 1333/2008 of the European Parliament and of the Council. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

## [<sup>F1</sup>ANNEX III

### [<sup>F2</sup>Domestic] list of food additives including carriers approved for use in food additives, food enzymes, food flavourings, nutrients and their conditions of use

#### Textual Amendments

- F1** Substituted by Commission Regulation (EU) No 1130/2011 of 11 November 2011 amending Annex III to Regulation (EC) No 1333/2008 of the European Parliament and of the Council on food additives by establishing a Union list of food additives approved for use in food additives, food enzymes, food flavourings and nutrients (Text with EEA relevance).
- F2** Word in Annex 3 heading substituted (31.12.2020) by The Food Additives, Flavourings, Enzymes and Extraction Solvents (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/860), regs. 1, **114**; 2020 c. 1, Sch. 5 para. 1(1)

#### Definitions

1. 'nutrients' for the purposes of this Annex means vitamins, minerals and other substances added for nutritional purposes, as well as substances added for physiological purposes as covered by Regulation (EC) No 1925/2006, Directive 2002/46/EC, Directive 2009/39/EC and Regulation (EC) No 953/2009.
2. 'preparation' for the purposes of this Annex means a formulation consisting of one or more food additives, food enzymes and/or nutrients in which substances such as food additives and/or other food ingredients are incorporated to facilitate their storage, sale, standardisation, dilution or dissolution.

**PART 1** Carriers in food additives  
 Maximum level from all sources in foodstuffs 3 000 mg/kg (individually or in combination with E 1505, E 1517 and E 1518). In the case of beverages, with the exception of cream liqueurs, the maximum level of E 1520 shall be 1 000 mg/l from all sources.  
 E number of the carrier  
 Name of the carrier  
 Maximum level  
 Food additives to which the carrier may be added  
 E 1520 Propane-1, 2-diol (propylene glycol) 1 000 mg/kg in final food (as carry-over)  
 Colours, emulsifiers and antioxidants  
 E 422 Glycerol quantum satis  
 All food additives  
 E 420 Sorbitol  
 E 421 Mannitol  
 E 953 Isomalt  
 E 965 Maltitol  
 E 966 Lactitol  
 E 967 Xylitol  
 E 968 Erythritol  
 E 400 – E 404 Alginic acid – alginates (Table 7 of Part 6)  
 E 405 Propane-1, 2-diol alginate  
 E 406 Agar  
 E 407 Carrageenan  
 E 410 Locust bean gum  
 E 412 Guar gum  
 E 413 Tragacanth  
 E 414 Gum arabic (acacia gum)  
 E 415 Xanthan gum  
 E 440 Pectins  
 E 432 – E 436 Polysorbates (Table 4 of Part 6) quantum satis  
 Antifoaming agents  
 E 442 Ammonium phosphatides quantum satis  
 Antioxidants  
 E 460 Cellulose quantum satis  
 All food additives  
 E 461 Methyl cellulose  
 E 462 Ethyl cellulose  
 E 463 Hydroxypropyl cellulose  
 E 464 Hydroxypropyl methyl cellulose  
 E 465 Ethyl methyl cellulose  
 E 466 Sodium carboxy methyl cellulose, Cellulose gum  
 E 322 Lecithins quantum satis  
 Colours and fat-soluble antioxidants  
 E 432 – E 436 Polysorbates (Table 4 of Part 6)  
 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 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 – E 495 Sorbitan esters (Table 5 of Part 6) quantum satis  
 Colours and antifoaming agents  
 E 1404 Oxidised starch quantum satis  
 All food additives  
 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

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sodium octenyl succinateE 1451Acetylated oxidised starchE 170Calcium carbonateE 263Calcium acetateE 331Sodium citratesE 332Potassium citratesE 341Calcium phosphatesE 501Potassium carbonatesE 504Magnesium carbonatesE 508Potassium chlorideE 509Calcium chlorideE 511Magnesium chlorideE 514Sodium sulphatesE 515Potassium sulphatesE 516Calcium sulphateE 517Ammonium sulphateE 577Potassium gluconateE 640Glycine and its sodium saltE 1505Triethyl citrateE 1518Glyceryl triacetate (triacetin)E 551Silicon dioxidequantum satisEmulsifiers and coloursE 552Calcium silicateE 553bTalc50 mg/kg in the colour preparationColoursE 901Beeswax, white and yellowquantum satisColoursE 1200Polydextrosequantum satisAll food additivesE 1201Polyvinylpyrrolidonequantum satisSweetenersE 1202PolyvinylpolypyrrolidoneE 322Lecithinsquantum satisGlazing agents for fruitE 432 – E 436PolysorbatesE 470aSodium, potassium and calcium salts of fatty acidsE 471Mono- and diglycerides of fatty acidsE 491 – E 495Sorbitan estersE 570Fatty acidsE 900Dimethyl polysiloxaneE 1521Polyethylene glycolquantum satisSweetenersE 425Konjacquantum satisAll food additivesE 459Beta-cyclodextrin1 000 mg/kg in final foodAll food additivesE 468Crosslinked sodium carboxy methyl celluloseCross-linked cellulose gumquantum satisSweetenersE 469Enzymatically hydrolysed carboxymethylcelluloseEnzymatically hydrolysed cellulose gumquantum satisAll food additivesE 555Potassium aluminium silicate90 % relative to the pigmentIn E 171 titanium dioxide and E 172 iron oxides and hydroxides

PART 2 Food additives other than carriers in food additivesExcept enzymes authorised as food additives.E 163 anthocyanins may contain up to 100 000 mg/kg sulphites. E 150 b caustic sulphite caramel and E 150 d sulphite ammonia caramel may contain 2 000 mg/kg according to the purity criteria (Directive 2008/128/EC).E number of the added food additiveName of the added food additiveMaximum levelFood additive preparations to which the food additive may be addedTable 1 quantum satisAll food additive preparationsE 200-202Sorbic acid – potassium sorbate (Table 2 of Part 6)1 500 mg/kg singly or in combination in the preparation 15 mg/kg in the final product expressed as the free acidColour preparationsE 210Benzoic acidE 211Sodium benzoateE 212Potassium benzoateE 200Sorbic acid2 500 mg/kg in the preparationLiquid colour preparations for sale to the final consumer for the decorative colouring of egg shellsE 220-E 228Sulphur dioxide — sulphites (Table 3 of Part 6)100 mg/kg in the preparation and 2 mg/kg expressed as SO<sub>2</sub> in the final product as calculatedColour preparations (except E163 anthocyanins, E 150 b caustic sulphite caramel and E 150 d sulphite ammonia caramel)E 320Butylated hydroxyanisole (BHA)20 mg/kg singly or in combination (expressed on fat) in the preparation, 0,4 mg/kg in final product (singly or in combination)Emulsifiers containing fatty acidsE 321Butylated hydroxytoluene (BHT)E 338Phosphoric acid40 000 mg/kg singly or in combination in the preparation (expressed as P<sub>2</sub>O<sub>5</sub>)Preparations of the colour E 163 anthocyaninsE 339Sodium phosphatesE 340Potassium phosphatesE 343Magnesium phosphatesE 450DiphosphatesE 451TriphosphatesE 341Calcium phosphates40 000 mg/kg in the preparation (expressed as P<sub>2</sub>O<sub>5</sub>)Colour and emulsifier preparations10 000 mg/kg in the preparation (expressed as P<sub>2</sub>O<sub>5</sub>)Polyol preparations10 000 mg/kg in the preparation (expressed as P<sub>2</sub>O<sub>5</sub>)E 412 guar gum preparationsE 392Extracts of rosemary1 000 mg/kg in the preparation, 5 mg/kg in the final product expressed as the sum of carnosic acid and carnosolColour preparationsE 416Karaya gum50 000 mg/kg in the preparation, 1 mg/kg in final productColour preparationsE 432 – E 436Polysorbatesquantum satisPreparations of colours, contrast enhancers, fat soluble antioxidants and glazing agents for fruitE 473Sucrose esters of fatty acidsquantum satisPreparations of colours and fat soluble antioxidantsE 475Polyglycerol esters of fatty acidsquantum satisPreparations of colours and fat soluble antioxidantsE 476Polyglycerol polyricinoleate50 000 mg/kg

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in the preparation, 500 mg/kg in final food As emulsifier in preparations of colours used in: Surimi and Japanese type Fish Products (Kamaboko) (E 120 cochineal, carminic acid, carmines) Meat products, fish pastes and fruit preparations used in flavoured milk products and desserts (E163 anthocyanins, E100 curcumin and E120 cochineal, carminic acid, carmines) E 491 – E 495 Sorbitan esters (Table 5 of Part 6) quantum satis Preparations of colours, anti-foaming agents and glazing agents for fruit E 551 Silicon dioxide 50 000 mg/kg in the preparation Dry powdered colour preparations 10 000 mg/kg in the preparation E 508 potassium chloride and E 412 guar gum preparations E 551 Silicon dioxide 50 000 mg/kg in the preparation Dry powdered preparations of emulsifiers E 552 Calcium silicate E 551 Silicon dioxide 10 000 mg/kg in the preparation Dry powdered preparations of polyols E 552 Calcium silicate E 553a Magnesium silicate E 553b Talc E 551 Silicon dioxide 5 000 mg/kg in the preparation E 1209 polyvinyl alcohol-polyethylene glycol-graft-co-polymer E 551 Silicon dioxide 30 000 mg/kg in the preparation Dry powdered extracts of rosemary (E 392) E 551 Silicon dioxide 10 000 mg/kg in the preparation E 252 Potassium nitrate E 900 Dimethyl polysiloxane 200 mg/kg in the preparation, 0,2 mg/l in final food Colour preparations of E 160a carotenes, E 160b(i) annatto bixin, E 160b(ii) annatto norbixin, E 160c paprika extract, capsanthin, capsorubin, E 160d lycopene and E 160e beta-apo-8'-carotenal E 903 Carnauba wax 130 000 mg/kg in the preparation, 1 200 mg/kg in final product from all sources As stabiliser in preparations of sweeteners and/or acids intended to be used in chewing gum E 943a Butane 1 mg/kg in final food Colour preparations of group II and group III as defined in Part C of Annex II (for professional use only) E 943b Isobutane 1 mg/kg in final food Colour preparations of group II and group III as defined in Part C of Annex II (for professional use only) E 944 Propane 1 mg/kg in final food Colour preparations of group II and group III as defined in Part C of Annex II (for professional use only)

*Note: General rules for conditions of use of Food additives in Part 2*

- (1) Food Additives presented in Table 1 of Part 6 of this Annex, which are generally permitted for use in food under the general 'quantum satis' principle included in Annex II Part C(1) Group I, have been included as food additives (other than for the purpose of carriers) in food additives under the general 'quantum satis' principle, unless stated otherwise.
- (2) For phosphates and silicates maximum limits have been set only in the food additive preparation and not in the final food.
- (3) For all other food additives with a numerical ADI value maximum limits have been set for the food additive preparation and the final food.
- (4) No food additives are authorised for their function as colour, sweetener or flavour enhancer.

**PART 3** Food additives including carriers in food enzymes Including enzymes authorised as food additives. Maximum level from all sources in foodstuffs 3 000 mg/kg (individually or in combination with E 1505, E 1517 and E 1518). In the case of beverages, with the exception of cream liqueurs, the maximum level of E 1520 shall be 1 000 mg/l from all sources. E number of the added food additive Name of the added food additive Maximum level in enzyme preparation Maximum level in final food except beverages Maximum level in beverages Can be used as a carrier? E 170 Calcium carbonate quantum satis quantum satis quantum satis Yes E 200 Sorbic acid 20 000 mg/kg (singly or in combination expressed as the free acid) 20 mg/kg 10 mg/l E 202 Potassium sorbate E 210 Benzoic acid 5 000 mg/kg (singly or in combination expressed as the free acid) 12 000 mg/

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kg in rennet1,7 mg/kg5 mg/kg in cheese where rennet has been used0,85 mg/  
 l2,5 mg/l in whey based beverages where rennet has been usedE 211Sodium  
 benzoateE 214Ethyl-p-hydroxybenzoate2 000 mg/kg (singly or in combination  
 expressed as the free acid)2 mg/kg1 mg/lE 215Sodium ethyl p-hydroxybenzoateE  
 218Methyl p-hydroxybenzoateE 219Sodium methyl p-hydroxybenzoateE 220Sulphur  
 dioxide2 000 mg/kg (singly or in combination expressed as SO<sub>2</sub>)5 000 mg/  
 kg only in food enzymes for brewing6 000 mg/kg only for barley beta-  
 amylase10 000 mg/kg only for papain in solid form2 mg/kg2 mg/lE 221Sodium  
 sulphiteE 222Sodium hydrogen sulphiteE 223Sodium metabisulphiteE 224Potassium  
 metabisulphiteE 250Sodium nitrite500 mg/kg0,01 mg/kgNo useE 260Acetic  
 acidquantum satisquantum satisquantum satisYesE 261Potassium acetatesquantum  
 satisquantum satisquantum satisE 262Sodium acetatesquantum satisquantum  
 satisquantum satisE 263Calcium acetatequantum satisquantum satisquantum  
 satisE 270Lactic acidquantum satisquantum satisquantum satisYesE 281Sodium  
 propionatequantum satisquantum satis50 mg/lE 290Carbon dioxidequantum  
 satisquantum satisquantum satisE 296Malic acidquantum satisquantum satisquantum  
 satisYesE 300Ascorbic acidquantum satisquantum satisquantum satisYesE  
 301Sodium ascorbatequantum satisquantum satisquantum satisYesE 302Calcium  
 ascorbatequantum satisquantum satisquantum satisYesE 304Fatty acid esters  
 of ascorbic acidquantum satisquantum satisquantum satisE 306Tocopherol-rich  
 extractquantum satisquantum satisquantum satisE 307Alpha-tocopherolquantum  
 satisquantum satisquantum satisE 308Gamma-tocopherolquantum satisquantum  
 satisquantum satisE 309Delta-tocopherolquantum satisquantum satisquantum  
 satisE 322Lecithinsquantum satisquantum satisquantum satisYesE 325Sodium  
 lactatequantum satisquantum satisquantum satisE 326Potassium lactatequantum  
 satisquantum satisquantum satisE 327Calcium lactatequantum satisquantum  
 satisquantum satisYesE 330Citric acidquantum satisquantum satisquantum satisYesE  
 331Sodium citratesquantum satisquantum satisquantum satisYesE 332Potassium  
 citratesquantum satisquantum satisquantum satisYesE 333Calcium citratesquantum  
 satisquantum satisquantum satisE 334Tartaric acid (L(+)-)quantum satisquantum  
 satisquantum satisE 335Sodium tartratesquantum satisquantum satisquantum  
 satisYesE 336Potassium tartratesquantum satisquantum satisquantum satisYesE  
 337Sodium potassium tartratequantum satisquantum satisquantum satisE 350Sodium  
 malatesquantum satisquantum satisquantum satisYesE 338Phosphoric acid10  
 000 mg/kg (expressed as P<sub>2</sub>O<sub>5</sub>)quantum satisquantum satisE 339Sodium  
 phosphates50 000 mg/kg (singly or in combination, expressed as P<sub>2</sub>O<sub>5</sub>)quantum  
 satisquantum satisYesE 340Potassium phosphatesE 341Calcium phosphatesE  
 343Magnesium phosphatesE 351Potassium malatequantum satisquantum  
 satisquantum satisYesE 352Calcium malatesquantum satisquantum satisquantum  
 satisYesE 354Calcium tartratequantum satisquantum satisquantum satisE  
 380Triammonium citratequantum satisquantum satisquantum satisE 400Alginate  
 acidquantum satisquantum satisquantum satisYesE 401Sodium alginatequantum  
 satisquantum satisquantum satisYesE 402Potassium alginatequantum satisquantum  
 satisquantum satisYesE 403Ammonium alginatequantum satisquantum satisquantum  
 satisE 404Calcium alginatequantum satisquantum satisquantum satisYesE  
 406Agarquantum satisquantum satisquantum satisYesE 407Carrageenanquantum  
 satisquantum satisquantum satisYesE 407aProcessed eucheama seaweedquantum  
 satisquantum satisquantum satisE 410Locust bean gumquantum satisquantum  
 satisquantum satisYesE 412Guar gumquantum satisquantum satisquantum satisYesE  
 413Tragacanthquantum satisquantum satisquantum satisYesE 414Acacia gum (gum  
 arabic)quantum satisquantum satisquantum satisYesE 415Xanthan gumquantum  
 satisquantum satisquantum satisYesE 417Tara gumquantum satisquantum  
 satisquantum satisYesE 418Gellan gumquantum satisquantum satisquantum satisYesE

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420 Sorbitol quantum satis quantum satis quantum satis Yes E 421 Mannitol quantum satis quantum satis quantum satis Yes E 422 Glycerol quantum satis quantum satis quantum satis Yes E 440 Pectins quantum satis quantum satis quantum satis Yes E 450 Diphosphates 50 000 mg/kg (singly or in combination expressed as P<sub>2</sub>O<sub>5</sub>) quantum satis quantum satis E 451 Triphosphates E 452 Polyphosphates E 460 Cellulose quantum satis quantum satis quantum satis Yes E 461 Methyl cellulose quantum satis quantum satis quantum satis Yes E 462 Ethyl cellulose quantum satis quantum satis quantum satis E 463 Hydroxypropyl cellulose quantum satis quantum satis quantum satis Yes E 464 Hydroxypropyl methyl cellulose quantum satis quantum satis quantum satis Yes E 465 Ethyl methyl cellulose quantum satis quantum satis quantum satis E 466 Sodium carboxy methyl cellulose, Cellulose gum quantum satis quantum satis quantum satis Yes E 469 Enzymatically hydrolysed carboxy methyl cellulose quantum satis quantum satis E 470a Sodium, potassium and calcium salts of fatty acids quantum satis quantum satis quantum satis E 470b Magnesium salts of fatty acids quantum satis quantum satis quantum satis E 471 Mono- and diglycerides of fatty acids quantum satis quantum satis quantum satis Yes E 472a Acetic acid esters of mono- and diglycerides of fatty acids quantum satis quantum satis quantum satis Yes E 472b Lactic acid esters of mono- and diglycerides of fatty acids quantum satis quantum satis quantum satis Yes E 472c Citric acid esters of mono- and diglycerides of fatty acids quantum satis quantum satis quantum satis Yes E 472d Tartaric acid esters of mono- and diglycerides of fatty acids quantum satis quantum satis quantum satis Yes E 472e Mono- and diacetyl tartaric acid esters of mono- and diglycerides of fatty acids quantum satis quantum satis quantum satis Yes E 472f Mixed acetic and tartaric acid esters of mono- and diglycerides of fatty acids quantum satis quantum satis quantum satis Yes E 473 Sucrose esters of fatty acids 50 000 mg/kg 50 mg/kg 25 mg/L Yes, only as a carrier E 500 Sodium carbonates quantum satis quantum satis Yes E 501 Potassium carbonates quantum satis quantum satis Yes, E 501 (i) potassium carbonate only E 503 Ammonium carbonates quantum satis quantum satis quantum satis Yes E 504 Magnesium carbonates quantum satis quantum satis quantum satis Yes E 507 Hydrochloric acid quantum satis quantum satis quantum satis Yes E 508 Potassium chloride quantum satis quantum satis quantum satis Yes E 509 Calcium chloride quantum satis quantum satis quantum satis Yes E 511 Magnesium chloride quantum satis quantum satis quantum satis Yes E 513 Sulphuric acid quantum satis quantum satis quantum satis Yes E 514 Sodium sulphates quantum satis quantum satis quantum satis Yes, E 514 (i) sodium sulphate only E 515 Potassium sulphates quantum satis quantum satis quantum satis Yes E 516 Calcium sulphate quantum satis quantum satis quantum satis Yes E 517 Ammonium sulphate 100 000 mg/kg 100 mg/kg 50 mg/l Yes E 524 Sodium hydroxide quantum satis quantum satis quantum satis E 525 Potassium hydroxide quantum satis quantum satis quantum satis Yes E 526 Calcium hydroxide quantum satis quantum satis quantum satis Yes E 527 Ammonium hydroxide quantum satis quantum satis quantum satis Yes E 528 Magnesium hydroxide quantum satis quantum satis quantum satis Yes E 529 Calcium oxide quantum satis quantum satis quantum satis Yes E 530 Magnesium oxide quantum satis quantum satis quantum satis E 551 Silicon dioxide 50 000 mg/kg in the dry powdered preparation quantum satis quantum satis Yes E 570 Fatty acids quantum satis quantum satis quantum satis E 574 Gluconic acid quantum satis quantum satis quantum satis Yes E 575 Glucono-delta-lactone quantum satis quantum satis quantum satis Yes E 576 Sodium gluconate quantum satis quantum satis quantum satis E 577 Potassium gluconate quantum satis quantum satis quantum satis E 578 Calcium gluconate quantum satis quantum satis quantum satis Yes E 640 Glycine and its sodium salt quantum satis quantum satis quantum satis E 920 L-cysteine 10 000 mg/kg 10 mg/kg 5 mg/l E 938 Argon quantum satis quantum satis quantum satis E 939 Helium quantum satis quantum satis quantum satis

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satisE 941Nitrogenquantum satisquantum satisquantum satisE 942Nitrous oxidequantum satisquantum satisquantum satisE 948Oxygenquantum satisquantum satisquantum satisE 949Hydrogenquantum satisquantum satisquantum satisE 965Maltitolquantum satisquantum satisquantum satisYesE 966Lactitolquantum satisquantum satisquantum satisYes (only as a carrier)E 967Xylitolquantum satisquantum satisquantum satisYes (only as a carrier)E 1200Polydextrosequantum satisquantum satisquantum satisYesE 1404Oxidised starchquantum satisquantum satisquantum satisYesE 1410Monostarch phosphatequantum satisquantum satisquantum satisYesE 1412Distarch phosphatequantum satisquantum satisquantum satisYesE 1413Phosphated distarch phosphatequantum satisquantum satisquantum satisYesE 1414Acetylated distarch phosphatequantum satisquantum satisquantum satisYesE 1420Acetylated starchquantum satisquantum satisquantum satisYesE 1422Acetylated distarch adipatequantum satisquantum satisquantum satisYesE 1440Hydroxy propyl starchquantum satisquantum satisquantum satisYesE 1442Hydroxy propyl distarch phosphatequantum satisquantum satisquantum satisYesE 1450Starch sodium octenyl succinatequantum satisquantum satisquantum satisYesE 1451Acetylated oxidised starchquantum satisquantum satisquantum satisYesE 1520Propane-1, 2-diol (propylene glycol)500 g/kg(see footnote)(see footnote)Yes, only as a carrier

*Note:* General rules for conditions of use of Food additives in Part 3

- (1) Food Additives presented in Table 1 of Part 6 of this Annex, which are generally permitted for use in food under the general ‘*quantum satis*’ principle, included in Annex II Part C(1) Group I, have been included as food additives in food enzymes under the general ‘*quantum satis*’ principle, unless stated otherwise.
- (2) For phosphates and silicates, when used as additives, maximum limits have been set only in the food enzyme preparation and not in the final food.
- (3) For all other food additives with a numerical ADI value maximum limits have been set for the food enzyme preparation and the final food.
- (4) No food additives are authorised for their function as colour, sweetener or flavour enhancer.

**PART 4** Food additives including carriers in food flavouringsProportionality rule: when combinations of propyl gallate, TBHQ, and BHA are used, the individual levels must be reduced proportionally.Spice oleoresins are defined as extracts of spices from which the extraction solvent has been evaporated leaving a mixture of the volatile oil and resinous material from the spice.E number of the additiveName of the additiveFlavouring categories to which the additive may be addedMaximum levelTable 1All flavouringsquantum satisE 420E 421E 953E 965E 966E 967E 968SorbitolMannitolIsomaltMaltitolLactitolXylitolErythritolAll flavouringsquantum satis for purposes other than sweetening, not as flavour enhancersE 200-202Sorbic acid and potassium sorbate (Table 2 of Part 6)All flavourings1 500 mg/kg (singly or in combination expressed as the free acid) in flavouringsE 210Benzoic acidE 211Sodium benzoateE 212Potassium benzoateE 213Calcium benzoateE 310Propyl gallateEssential oils1 000 mg/kg (propyl gallate, TBHQ and BHA, individually or in combination) in the essential oilsE 319Tertiary-butyl hydroquinone (TBHQ)E 320Butylated hydroxyanisole (BHA)Flavourings other than essential oils100 mg/kg (propyl gallate)200 mg/kg (TBHQ and BHA, individually or in combination) in flavouringsE 338 – E 452Phosphoric acid — phosphates — di-, tri- and polyphosphates (Table 6 of Part 6)All flavourings40 000 mg/kg (singly or in combination expressed as P2O5) in flavouringsE 392Extracts of rosemaryAll

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flavourings 1 000 mg/kg (expressed as the sum of carnosol and carnosic acid) in flavourings E 416 Karaya gum All flavourings 50 000 mg/kg in flavourings E 423 Octenyl succinic acid modified gum arabic Flavouring-oil emulsions used in categories 03: edible ices; 07.2: Fine bakery wares; 08.3: Meat products, only processed poultry; 09.2: Processed fish and fishery products including molluscs and crustaceans and in category 16: Desserts excluding products covered in categories 1, 3 and 4. 500 mg/kg in the final food Flavouring-oil emulsions used in category 14.1.4: Flavoured drinks, only flavoured drinks not containing fruit juices and in carbonated flavoured drinks containing fruit juices and in category 14.2: Alcoholic beverages, including alcohol-free and low-alcohol counterparts. 220 mg/kg in the final food Flavouring-oil emulsions used in categories 05.1 Cocoa and Chocolate products as covered by Directive 2000/36/EC, 05.2: Other confectionery including breath freshening microsweets, 05.4: Decorations, coatings and fillings, except fruit based fillings covered by category 4.2.4 and in category 06.3: Breakfast cereals. 300 mg/kg in the final food Flavouring-oil emulsions used in category 01.7.5: Processed cheese. 120 mg/kg in the final food Flavouring-oil emulsions used in category 05.3: Chewing gum. 60 mg/kg in the final food Flavouring-oil emulsions used in categories 01.8: Dairy analogues, including beverage whiteners; 04.2.5: Jam, jellies and marmalades and similar products; 04.2.5.4: Nut butters and nut spreads; 08.3: Meat products; 12.5: Soups and broths, 14.1.5.2: Other, only instant coffee and tea and in cereal based ready-to-eat-dishes. 240 mg/kg in the final food Flavouring-oil emulsions used in category 10.2: Processed eggs and egg products. 140 mg/kg in the final food Flavouring-oil emulsions used in categories 14.1.4: Flavoured drinks, only non carbonated flavoured drinks containing fruit juices; 14.1.2: Fruit juices as defined by Directive 2001/112/EC and vegetable juices, only vegetable juices and in category 12.6: Sauces, only gravies and sweet sauces. 400 mg/kg in the final food Flavouring-oil emulsions used in category 15: Ready-to-eat savouries and snacks. 440 mg/kg in the final food E 425 Konjac All flavourings quantum satis E 432 – E 436 Polysorbates (Table 4 of Part 6) All flavourings, except liquid smoke flavourings and flavourings based on spice oleoresins 10 000 mg/kg in flavourings Foodstuffs containing liquid smoke flavourings and flavourings based on spice oleoresins 1 000 mg/kg in final food E 459 Beta-cyclodextrin Encapsulated flavourings in:—  
flavoured teas and flavoured powdered instant drinks  
500 mg/l in final food—  
flavoured snacks  
1 000 mg/kg in foodstuffs as consumed or as reconstituted according to the instructions of the manufacturer E 473 Sucrose esters of fatty acids Flavourings for water based clear flavoured drinks that belong to category 14.1.4 15 000 mg/kg in flavourings, 30 mg/l in the final food E 551 Silicon dioxide All flavourings 50 000 mg/kg in flavourings E 900 Dimethyl polysiloxane All flavourings 10 mg/kg in flavourings E 901 Beeswax Flavourings in non-alcoholic flavoured drinks 200 mg/l in flavoured drinks E 1505 Triethyl citrate All flavourings 3 000 mg/kg from all sources in foodstuffs as consumed or as reconstituted according to the instructions of the manufacturer; individually or in combination. In the case of beverages, with the exception of cream liqueurs, the maximum level of E 1520 shall be 1 000 mg/l from all sources E 1517 Glyceryl diacetate (diacetin) E 1518 Glyceryl triacetate (triacetin) E 1520 Propane-1, 2-diol (propylene glycol) E 1519 Benzyl alcohol Flavourings for:—  
liqueurs, aromatised wines, aromatised wine-based drinks and aromatised wine-products cocktails  
100 mg/l in final food—  
confectionery including chocolate and fine bakery wares  
250 mg/kg from all sources in foodstuffs as consumed or as reconstituted according to instruction of the manufacturer

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## PART 5

### Food additives in nutrients

*Section A* — Food additives in nutrients except nutrients intended to be used in foodstuffs for infants and young children listed in point 13.1 of Part E of Annex II: Maximum level for E 1518 and E 1520 from all sources in foodstuffs 3 000 mg/kg (individually or in combination with E 1505 and E 1517). In the case of beverages, with the exception of cream liqueurs, the maximum level of E 1520 shall be 1 000 mg/l from all sources. E number of the food additive Name of the food additive Maximum level Nutrient to which the food additive may be added Can be used as a carrier? E 170 Calcium carbonate quantum satis All nutrients Yes E 260 Acetic acid quantum satis All nutrients E 261 Potassium acetate quantum satis All nutrients E 262 Sodium acetate quantum satis All nutrients E 263 Calcium acetate quantum satis All nutrients E 270 Lactic acid quantum satis All nutrients E 290 Carbon dioxide quantum satis All nutrients E 296 Malic acid quantum satis All nutrients E 300 Ascorbic acid quantum satis All nutrients E 301 Sodium ascorbate quantum satis All nutrients E 302 Calcium ascorbate quantum satis All nutrients E 304 Fatty acid esters of ascorbic acid quantum satis All nutrients E 306 Tocopherol-rich extract quantum satis All nutrients E 307 Alpha-tocopherol quantum satis All nutrients E 308 Gamma-tocopherol quantum satis All nutrients E 309 Delta-tocopherol quantum satis All nutrients E 322 Lecithins quantum satis All nutrients Yes E 325 Sodium lactate quantum satis All nutrients E 326 Potassium lactate quantum satis All nutrients E 327 Calcium lactate quantum satis All nutrients E 330 Citric acid quantum satis All nutrients E 331 Sodium citrate quantum satis All nutrients E 332 Potassium citrate quantum satis All nutrients E 333 Calcium citrate quantum satis All nutrients E 334 Tartaric acid (L(+)-) quantum satis All nutrients E 335 Sodium tartrate quantum satis All nutrients E 336 Potassium tartrate quantum satis All nutrients E 337 Sodium potassium tartrate quantum satis All nutrients E 338 – E 452 Phosphoric acid — phosphates — di-, tri- and polyphosphates (Table 6 of Part 6) 40 000 mg/kg expressed as P<sub>2</sub>O<sub>5</sub> in the nutrient preparation All nutrients E 350 Sodium malate quantum satis All nutrients E 351 Potassium malate quantum satis All nutrients E 352 Calcium malate quantum satis All nutrients E 354 Calcium tartrate quantum satis All nutrients E 380 Triammonium citrate quantum satis All nutrients E 392 Extracts of rosemary 1 000 mg/kg in the preparation of beta-carotene and lycopene, 5 mg/kg in final product expressed as the sum of carnosic acid and carnosol In beta-carotene and lycopene preparations E 400 – E 404 Alginic acid — alginates (Table 7 of Part 6) quantum satis All nutrients Yes E 406 Agar quantum satis All nutrients Yes E 407 Carrageenan quantum satis All nutrients Yes E 407a Processed eucheama seaweed quantum satis All nutrients Yes E 410 Locust bean gum quantum satis All nutrients Yes E 412 Guar gum quantum satis All nutrients Yes E 413 Tragacanth quantum satis All nutrients Yes E 414 Acacia gum (gum arabic) quantum satis All nutrients Yes E 415 Xanthan gum quantum satis All nutrients Yes E 417 Tara gum quantum satis All nutrients Yes E 418 Gellan gum quantum satis All nutrients Yes E 420 Sorbitol quantum satis All nutrients Yes, only as a carrier E 421 Mannitol quantum satis All nutrients Yes, only as a carrier E 422 Glycerol quantum satis All nutrients Yes E 432 – E 436 Polysorbates (Table 4 of Part 6) quantum satis only in beta carotene, lutein, lycopene and vitamin E preparations. In vitamin A and D preparations maximum level in final food 2 mg/kg In beta carotene, lutein, lycopene and vitamins A, D and E preparations Yes E 440 Pectins quantum satis All nutrients Yes E 459 Beta-cyclodextrin 100 000 mg/kg in the preparation and 1 000 mg/kg in final food All nutrients Yes E 460 Cellulose quantum satis All nutrients Yes E 461 Methyl cellulose quantum satis All nutrients Yes E 462 Ethyl cellulose quantum



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satisAll nutrientsYesE 463Hydroxypropyl cellulosequantum satisAll nutrientsYesE 464Hydroxypropyl methyl cellulosequantum satisAll nutrientsYesE 465Ethyl methyl cellulosequantum satisAll nutrientsYesE 466Sodium carboxy methyl cellulose,Cellulose gumquantum satisAll nutrientsYesE 469Enzymatically hydrolysed carboxy methyl cellulosequantum satisAll nutrientsYesE 470aSodium, potassium and calcium salts of fatty acidsquantum satisAll nutrientsYesE 470bMagnesium salts of fatty acidsquantum satisAll nutrientsYesE 471Mono- and diglycerides of fatty acidsquantum satisAll nutrientsYesE 472aAcetic acid esters of mono- and diglycerides of fatty acidsquantum satisAll nutrientsYesE 472bLactic acid esters of mono- and diglycerides of fatty acidsquantum satisAll nutrientsYesE 472cCitric acid esters of mono- and diglycerides of fatty acidsquantum satisAll nutrientsYesE 472dTartaric acid esters of mono- and diglycerides of fatty acidsquantum satisAll nutrientsYesE 472eMono- and diacetyl tartaric acid esters of mono- and diglycerides of fatty acidsquantum satisAll nutrientsYesE 472fMixed acetic and tartaric acid esters of mono- and diglycerides of fatty acidsquantum satisAll nutrientsYesE 473Sucrose esters of fatty acidsquantum satisIn beta carotene, lutein, lycopene and vitamin E preparationsYes2 mg/kg in final foodIn vitamin A and D preparationsE 475Polyglycerol esters of fatty acidsquantum satisIn beta carotene, lutein, lycopene and vitamin E preparationsYes2 mg/kg in final foodIn vitamin A and D preparationsE 491 – E 495Sorbitan esters (Table 5 of Part 6)quantum satisIn beta carotene, lutein, lycopene and vitamin E preparationsYes2 mg/kg in final foodIn vitamin A and D preparationsE 500Sodium carbonatesquantum satisAll nutrientsYesE 501Potassium carbonatesquantum satisAll nutrientsYesE 503Ammonium carbonatesquantum satisAll nutrientsYesE 504Magnesium carbonatesquantum satisAll nutrientsYesE 507Hydrochloric acidquantum satisAll nutrientsYesE 508Potassium chloridequantum satisAll nutrientsE 509Calcium chloridequantum satisAll nutrientsE 511Magnesium chloridequantum satisAll nutrientsE 513Sulphuric acidquantum satisAll nutrientsE 514Sodium sulphatesquantum satisAll nutrientsE 515Potassium sulphatesquantum satisAll nutrientsE 516Calcium sulphatequantum satisAll nutrientsE 524Sodium hydroxidequantum satisAll nutrientsE 525Potassium hydroxidequantum satisAll nutrientsE 526Calcium hydroxidequantum satisAll nutrientsE 527Ammonium hydroxidequantum satisAll nutrientsE 528Magnesium hydroxidequantum satisAll nutrientsE 529Calcium oxidequantum satisAll nutrientsYesE 530Magnesium oxidequantum satisAll nutrientsYesE 551,E 552Silicon dioxideCalcium silicate50 000 mg/kg in the dry powdered preparation (singly or in combination)In dry powdered preparations of all nutrients10 000 mg/kg in the preparation (E 551 only)In potassium chloride preparations used in salt substitutesE 554Sodium aluminium silicate15 000 mg/kg in the preparationIn fat soluble vitamin preparationsE 570Fatty acidsquantum satisAll nutrients except nutrients containing unsaturated fatty acidsE 574Gluconic acidquantum satisAll nutrientsE 575Glucono-delta-lactonequantum satisAll nutrientsE 576Sodium gluconatequantum satisAll nutrientsE 577Potassium gluconatequantum satisAll nutrientsE 578Calcium gluconatequantum satisAll nutrientsE 640Glycine and its sodium saltquantum satisAll nutrientsE 900Dimethyl polysiloxane200 mg/kg in the preparation, 0,2 mg/l in final foodIn preparations of beta-carotene and lycopeneE 901Beeswax, white and yellowquantum satisAll nutrientsYes, only as a carrierE 938Argonquantum satisAll nutrientsE 939Heliumquantum satisAll nutrientsE 941Nitrogenquantum satisAll nutrientsE 942Nitrous oxidequantum satisAll nutrientsE 948Oxygenquantum satisAll nutrientsE 949Hydrogenquantum satisAll nutrientsE 953Isomaltquantum satisAll nutrientsYes, only as a carrierE 965Maltitolquantum satisAll nutrientsYes, only as a carrierE 966Lactitolquantum satisAll nutrientsYes, only as a carrierE 967Xylitolquantum satisAll nutrientsYes,

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only as a carrierE 968Erythritolquantum satisAll nutrientsYes, only as a carrierE 1103Invertasequantum satisAll nutrientsE 1200Polydextrosequantum satisAll nutrientsYesE 1404Oxidised starchquantum satisAll nutrientsYesE 1410Monostarch phosphatequantum satisAll nutrientsYesE 1412Distarch phosphatequantum satisAll nutrientsYesE 1413Phosphated distarch phosphatequantum satisAll nutrientsYesE 1414Acetylated distarch phosphatequantum satisAll nutrientsYesE 1420Acetylated starchquantum satisAll nutrientsYesE 1422Acetylated distarch adipatequantum satisAll nutrientsYesE 1440Hydroxy propyl starchquantum satisAll nutrientsYesE 1442Hydroxy propyl distarch phosphatequantum satisAll nutrientsYesE 1450Starch sodium octenyl succinatequantum satisAll nutrientsYesE 1451Acetylated oxidised starchquantum satisAll nutrientsYesE 1452Starch Aluminium Octenyl Succinate35 000 mg/kg in final foodIn food supplements as defined in Directive 2002/46/EC due to its use in vitamin preparations for encapsulation purposes onlyYesE 1518Glyceryl triacetate (triacetin)All nutrientsYes, only as a carrierE 1520Propane-1, 2-diol (propylene glycol)1 000 mg/kg in final food (as carry-over)All nutrientsYes, only as a carrier

**Section B** —Food additives added in nutrients intended to be used in foodstuffs for infants and young children listed in Point 13.1 of Part E of Annex II:

E number of the food additive	Name of the food additive	Maximum level	Nutrient to which the food additive may be added	Food category
E 301	Sodium ascorbate	100 000 mg/kg in vitamin D preparation and 1 mg/l maximum carry-over in final food	Vitamin D	Infant formulae and follow-on formulae as defined by Directive 2006/141/EC
E 302	Total carry-over	75 mg/l	Coatings of nutrient preparations containing polyunsaturated fatty acids	Foods for infants and young children
E 304 (i)	Ascorbyl palmitate	For uses in nutrient preparations under the condition that the maximum level in foods mentioned in point 13.1 of Part E of Annex II is not exceeded	All nutrients	Foods for infants and young children
E 306	Alpha-tocopherol	For uses in nutrient preparations under the condition that the maximum level in foods mentioned in point 13.1 of Part E of Annex II is not exceeded	All nutrients	Foods for infants and young children
E 307	Gamma-tocopherol	For uses in nutrient preparations under the condition that the maximum level in foods mentioned in point 13.1 of Part E of Annex II is not exceeded	All nutrients	Foods for infants and young children
E 308	Delta-tocopherol	For uses in nutrient preparations under the condition that the maximum level in foods mentioned in point 13.1 of Part E of Annex II is not exceeded	All nutrients	Foods for infants and young children
E 309	Tocopherol-rich extract	For uses in nutrient preparations under the condition that the maximum level in foods mentioned in point 13.1 of Part E of Annex II is not exceeded	All nutrients	Foods for infants and young children
E 322	Lecithins	For uses in nutrient preparations under the condition that the maximum level in foods mentioned in point 13.1 of Part E of Annex II is not exceeded	All nutrients	Foods for infants and young children
E 330	Citric acid	quantum satis	All nutrients	Foods for infants and young children
E 331	Sodium citrates	For uses in nutrient preparations under the condition that the maximum level in foods mentioned in point 13.1 of Part E of Annex II is not exceeded and the conditions of use specified therein are respected	All nutrients	Foods for infants and young children
E 332	Potassium citrates	For uses in nutrient preparations under the condition that the maximum level in foods mentioned in point 13.1 of Part E of Annex II is not exceeded and the conditions of use specified therein are respected	All nutrients	Foods for infants and young children
E 333	Calcium citrates	Total carry-over 0,1 mg/kg expressed as calcium and within the limit of calcium level and calcium/phosphorus ratio as set for the food category	All nutrients	Foods for infants and young children
E 341 (iii)	Tricalcium phosphate	Maximum carry-over 150 mg/kg as P <sub>2</sub> O <sub>5</sub> and within the limit for calcium, phosphorus and calcium:phosphorus ratio as set in Directive 2006/141/EC	All nutrients	Infant formulae and follow-on formulae as defined by Directive 2006/141/EC
E 401	Sodium alginate	Maximum level of 1 000 mg/kg expressed as P <sub>2</sub> O <sub>5</sub> from all uses in final food mentioned in point 13.1.3 of Part E of Annex II is respected	All nutrients	Processed cereal based foods and baby foods for infants and young children as defined by Directive 2006/125/EC

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based foods and baby foods for infants and young children as defined by Directive 2006/125/ECE 402 Potassium alginate For uses in nutrient preparations under the condition that the maximum level in foods mentioned in point 13.1 of Part E of Annex II is not exceeded All nutrients Processed cereal based foods and baby foods for infants and young children as defined by Directive 2006/125/ECE 404 Calcium alginate For uses in nutrient preparations under the condition that the maximum level in foods mentioned in point 13.1.3 of Part E of Annex II is not exceeded All nutrients Processed cereal based foods and baby foods for infants and young children as defined by Directive 2006/125/ECE 414 Gum arabic (acacia gum) 150 000 mg/kg in the nutrient preparation and 10 mg/kg carry-over in final product All nutrients Foods for infants and young children E 415 Xanthan gum For uses in nutrient preparations under the condition that the maximum level in foods mentioned in point 13.1.3 of Part E of Annex II is not exceeded All nutrients Processed cereal based foods and baby foods for infants and young children as defined by Directive 2006/125/ECE 421 Mannitol 1 000 times more than vitamin B12, 3 mg/kg total carry-over As carrier for vitamin B12 Foods for infants and young children E 440 Pectins For uses in nutrient preparations under the condition that the maximum level in foods mentioned in point 13.1 of Part E of Annex II is not exceeded All nutrients Follow-on formulae and processed cereal based foods and baby foods for infants and young children as defined by Directive 2006/125/ECE 466 Sodium carboxy methyl cellulose, Cellulose gum For uses in nutrient preparations under the condition that the maximum level in foods mentioned in point 13.1 of Part E of Annex II is not exceeded All nutrients Dietary foods for infants and young children for special medical purposes as defined in Directive 1999/21/ECE 471 Mono- and diglycerides of fatty acids For uses in nutrient preparations under the condition that the maximum level in foods mentioned in point 13.1 of Part E of Annex II is not exceeded and the conditions of use specified therein are respected All nutrients Foods for infants and young children E 472c Citric acid esters of mono- and diglycerides of fatty acids For uses in nutrient preparations under the condition that the maximum level in foods mentioned in point 13.1 of Part E of Annex II is not exceeded All nutrients Infant formulae and follow-on formulae for infants and young children in good health E 551 Silicon dioxide 10 000 mg/kg in nutrient preparations Dry powdered nutrient preparations Foods for infants and young children E 1420 Acetylated starch For uses in nutrient preparations under the condition that the maximum level in foods mentioned in point 13.1.3 of Part E of Annex II is not exceeded All nutrients Processed cereal based foods and baby foods for infants and young children as defined by Directive 2006/125/ECE 1450 Starch sodium octenyl succinate Carry-over 100 mg/kg Vitamin preparations Foods for infants and young children Carry-over 1 000 mg/kg Polyunsaturated fatty acid preparations E 1451 Acetylated oxidised starch For uses in nutrient preparations under the condition that the maximum level in foods mentioned in point 13.1.3 of Part E of Annex II is not exceeded All nutrients Processed cereal based foods and baby foods for infants and young children as defined by Directive 2006/125/EC Note:

*General rules for conditions of use of Food additives in Part 5*

(1)

Food Additives presented in Table 1 of Part 6 of this Annex, which are generally permitted for use in food under the general ‘*quantum satis*’ principle, included in Annex II Part C(1) Group I, have been included as food additives in nutrients under the general ‘*quantum satis*’ principle, unless stated otherwise.

(2)

For phosphates and silicates, when used as additives, maximum limits have been set only in the nutrient preparation and not in the final food.

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(3)

For all other food additives with a numerical ADI value maximum limits have been set for the nutrient preparation and the final food.

(4)

No food additives are authorised for their function as colour, sweetener or flavour enhancer.

## PART 6

### Definitions of groups of food additives for the purposes of Parts 1 to 5

TABLE 1

<b>E number</b>	<b>Name</b>
E 170	Calcium carbonate
E 260	Acetic acid
[ <sup>F12</sup> E 261	Potassium acetates]
E 262	Sodium acetates
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
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 326	Potassium lactate
E 327	Calcium lactate
E 330	Citric acid
E 331	Sodium citrates
E 332	Potassium citrates

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E 333	Calcium citrates
E 334	Tartaric acid (L(+)-)
E 335	Sodium tartrates
E 336	Potassium tartrates
E 337	Sodium potassium tartrate
E 350	Sodium malates
E 351	Potassium malate
E 352	Calcium malates
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 euchema 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 418	Gellan gum
E 422	Glycerol
E 440	Pectins
E 460	Cellulose
E 461	Methyl cellulose
E 462	Ethyl cellulose
E 463	Hydroxypropyl cellulose
E 464	Hydroxypropyl methyl cellulose
E 465	Ethyl methyl cellulose

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[ <sup>F3</sup> E 466	Sodium carboxy methyl cellulose, Cellulose gum]
E 469	Enzymatically hydrolysed carboxy methyl cellulose, Enzymatically hydrolysed cellulose gum
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
E 501	Potassium carbonates
E 503	Ammonium carbonates
E 504	Magnesium carbonates
E 507	Hydrochloric acid
E 508	Potassium chloride
E 509	Calcium chloride
E 511	Magnesium chloride
E 513	Sulphuric acid
E 514	Sodium sulphates
E 515	Potassium sulphates
E 516	Calcium sulphate
E 524	Sodium hydroxide
E 525	Potassium hydroxide
E 526	Calcium hydroxide
E 527	Ammonium hydroxide
E 528	Magnesium hydroxide

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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 949	Hydrogen
E 1103	Invertase
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
E 1451	Acetylated oxidised starch

*<sup>F4</sup>TABLE 2*

**Sorbic acid – potassium sorbate**

<b>E-number</b>	<b>Name</b>
E 200	Sorbic acid
E 202	Potassium sorbate]

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TABLE 3

**Sulphur dioxide — sulphites**

<b>E-number</b>	<b>Name</b>
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

TABLE 4

**Polysorbates**

<b>E-number</b>	<b>Name</b>
E 432	Polyoxyethylene sorbitan monolaurate (polysorbate 20)
E 433	Polyoxyethylene sorbitan monooleate (polysorbate 80)
E 434	Polyoxyethylene sorbitan monopalmitate (polysorbate 40)
E 435	Polyoxyethylene sorbitan monostearate (polysorbate 60)
E 436	Polyoxyethylene sorbitan tristearate (polysorbate 65)

TABLE 5

**Sorbitan esters**

<b>E-number</b>	<b>Name</b>
E 491	Sorbitan monostearate
E 492	Sorbitan tristearate
E 493	Sorbitan monolaurate
E 494	Sorbitan monooleate
E 495	Sorbitan monopalmitate

TABLE 6

**Phosphoric acid — phosphates — di-, tri- and polyphosphates**

<b>E-number</b>	<b>Name</b>
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E 338	Phosphoric acid
E 339	Sodium phosphates
E 340	Potassium phosphates
E 341	Calcium phosphates
E 343	Magnesium phosphates
E 450	Diphosphates
E 451	Triphosphates
E 452	Polyphosphates

TABLE 7

**Alginic acid — alginates**

<b>E-number</b>	<b>Name</b>
E 400	Alginic acid
E 401	Sodium alginate
E 402	Potassium alginate
E 403	Ammonium alginate
[ <sup>F18</sup> E 404	Calcium alginate]]

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**Changes and effects yet to be applied to :**

- Regulation applied (with modifications) by [S.I. 2023/959 reg. 4\(a\)Sch. 1](#)

**Changes and effects yet to be applied to the whole legislation item and associated provisions**

- Annex 2 Pt. B para. 2 words inserted by [S.S.I. 2023/78 sch. 1 para. 1\(b\)](#)
- Annex 2 Pt. B para. 2 Table words inserted by [S.I. 2023/343 Sch. 1 para. 2\(b\)](#)
- Annex 2 Pt. B para. 2 words substituted by [S.S.I. 2023/78 sch. 1 para. 1\(a\)](#)
- Annex 2 Pt. B para. 2 table words substituted by [S.I. 2023/334 reg. 2\(2\)\(a\)](#)
- Annex 2 Pt. B para. 2 Table words substituted by [S.I. 2023/343 Sch. 1 para. 2\(a\)](#)
- Annex 2 Pt. C para. 5(v) inserted by [S.I. 2023/334 reg. 2\(3\)](#)
- Annex 2 Pt. C para. 5(v) inserted by [S.I. 2023/343 Sch. 1 para. 3](#)
- Art. 28A(3)(d) words substituted by [S.I. 2019/1013 reg. 79\(a\)](#) (This amendment not applied to legislation.gov.uk. S.I. 2019/1013 revoked immediately before IP completion day by S.I. 2020/1504, regs. 1(2), 21(e))
- Art. 28A(5) inserted by [S.I. 2019/1013 reg. 79\(b\)](#) (This amendment not applied to legislation.gov.uk. S.I. 2019/1013 revoked immediately before IP completion day by S.I. 2020/1504, regs. 1(2), 21(e))