

FOOD ADDITIVES PERMITTED UNDER THE SINGAPORE FOOD REGULATIONS

(as at 31 May 2024)

Food additives permitted for use in food products imported/manufactured for sale in Singapore are specified under the Food Regulations. The Singapore Food Agency (SFA) has prepared this guidance document to assist food businesses to conduct self-checks on their food products to ensure that only permitted food additives are used, and the levels used are within the maximum levels permitted under the Food Regulations.

This guidance document is not legally binding, and should be read together with the Food Regulations. A soft copy of the Food Regulations may be downloaded from:

- <http://www.sfa.gov.sg/legislation>. [Click on “Sale of Food Act”, then select “Food Regulations”]

Legend:

(GMP) - “Good manufacturing practice” means that the additive may be added to food at a quantity limited to the lowest possible level necessary to accomplish its desired effect, unless otherwise prohibited by individual standards under the Food Regulations. Nutrient supplements (i.e. food additives listed under the Seventh Schedule) should be added at levels that are safe and suitable for the target consumers, and taking into consideration the requirements specified under Regulations 11(4) and 252.

(*) – Maximum levels of use are stipulated under the Food Regulations. Food businesses are advised to refer to the specific Regulation or Schedule for details

(A) Food Additives With INS Numbers

Table 1: Food Additives with INS Numbers

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|----------------|------------|--------------------------------|--|--|---|
| 100 | - | Curcumins | see INS 100(i) & (ii) | | |
| 100(i) | 100 | Curcumin | Curcumin | 5th Schedule (Part II) | GMP |
| 100(ii) | - | Turmeric | Turmeric | 5th Schedule (Part II) | GMP |
| 101 | 101 | Riboflavins | see INS 101(i) & (ii) | | |
| 101(i) | - | Riboflavin, synthetic | Riboflavin | 7th Schedule | GMP |
| 101(ii) | - | Riboflavin 5'-phosphate sodium | Riboflavin-5'-phosphate sodium | 7th Schedule | GMP |
| 102 | 102 | Tartrazine | Tartrazine | 5th Schedule (Part I) | GMP (to note specific labelling requirements) |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|---|--|---|--|
| | | | | | for food products containing tartrazine in Regulation 5(4)(c)) |
| 103 | - | Alkanet | Alkannet | 5th Schedule (Part II) | GMP |
| 104 | 104 | Quinoline yellow | Quinoline yellow | 5th Schedule (Part I) | GMP |
| 110 | 110 | Sunset yellow FCF | Sunset yellow FCF | 5th Schedule (Part I) | GMP |
| 120 | 120 | Carmines | Colour obtained from cochineal | 5th Schedule (Part II) | GMP |
| 122 | 122 | Azorubine (carmoisine) | Carmoisine | 5th Schedule (Part I) | GMP |
| 123 | 123 | Amaranth | Amaranth | 5th Schedule (Part I) | GMP |
| 124 | 124 | Ponceau 4R (Cochineal red A) | Ponceau 4R | 5th Schedule (Part I) | GMP |
| 127 | 127 | Erythrosine | Erythrosine | 5th Schedule (Part I) | GMP |
| 129 | 129 | Allura red AC | Allura red AC | 5th Schedule (Part I) | GMP |
| 132 | 132 | Indigotine (Indigo carmine) | Indigo carmine | 5th Schedule (Part I) | GMP |
| 133 | 133 | Brilliant blue FCF | Brilliant blue FCF | 5th Schedule (Part I) | GMP |
| 134 | - | Spirulina extract | Spirulina extract or cyanobacterial-phyco cyanin extracted from <i>Spirulina platensis</i> | 5th Schedule (Part II) | GMP |
| 140 | 140 | Chlorophyll | Chlorophyll | 5th Schedule (Part II) | GMP |
| 141 | 141 | Chlorophylls and chlorophyllins, copper complexes | see INS 141(i) & (ii) | | |
| 141(i) | 141 | Chlorophylls, copper complexes | Copper complexes of chlorophylls | 5th Schedule (Part I) | GMP |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|--|--|---|--------------|
| 141(ii) | 141 | Chlorophyllins, copper complexes, potassium and sodium salts | Sodium and potassium salts of copper complexes of chlorophyllins | 5th Schedule (Part I) | GMP |
| 142 | 142 | Green S | Green S | 5th Schedule (Part I) | GMP |
| 143 | - | Fast green FCF | Fast green FCF | 5th Schedule (Part I) | GMP |
| 150a | 150a | Caramel I - plain (Caustic caramel) | Plain caramel (caustic caramel) | 5th Schedule (Part II) | GMP |
| 150b | 150b | Caramel II - caustic sulfite process | Caustic sulphite caramel | 5th Schedule (Part II) | GMP |
| 150c | 150c | Caramel III - ammonia process | Ammonia caramel | 5th Schedule (Part II) | GMP |
| 150d | 150d | Caramel IV - sulfite ammonia process | Sulphite ammonia caramel | 5th Schedule (Part II) | GMP |
| 151 | 151 | Brilliant black (Black PN) | Brilliant black PN | 5th Schedule (Part I) | GMP |
| 153 | 153 | Vegetable carbon | Carbon black (prepared from vegetable sources only) | 5th Schedule (Part II) | GMP |
| 155 | 155 | Brown HT | Chocolate brown HT | 5th Schedule (Part I) | GMP |
| 160a | 160a | Carotenes | see INS 160a(i) to (iii) | | |
| 160a(i) | - | Beta-carotenes (synthetic) | Carotene / Beta-carotene | 5th Schedule (Part II), 7th Schedule | GMP |
| 160a(ii) | - | Beta-carotenes (vegetable) | Carotene / Beta-carotene | 5th Schedule (Part II), 7th Schedule | GMP |
| 160a(iii) | - | Beta-carotenes (<i>Blakeslea trispora</i>) | Carotene / Beta-carotene | 5th Schedule (Part II), 7th Schedule | GMP |
| 160b | 160b | Annatto extracts | Annatto | 5th Schedule (Part II) | GMP |
| 160b(i) | 160b | Annatto extracts, bixin-based | Annatto | 5th Schedule (Part II) | GMP |

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|------------|----------|--|--|--|-------|
| 160b(ii) | 160b | Annatto extracts, norbixin-based | Annatto | 5th Schedule(Part II) | GMP |
| 160c(ii) | 160c | Paprika extract | Paprika extract | 5th Schedule(Part II) | GMP |
| 160d | 160d | Lycopenes | see INS 160d (i), (ii) and (iii) | | |
| 160d(i) | - | Lycopene (synthetic) | Lycopene | 5th Schedule (Part II) | GMP |
| 160d(ii) | - | Lycopenes (tomato) | Lycopene | 5th Schedule (Part II) | GMP |
| 160d(iii) | - | Lycopenes (<i>Blakeslea trispora</i>) | Lycopene | 5th Schedule (Part II) | GMP |
| 160e | 160e | Beta-apo-8'-carotenal | Carotene | 5th Schedule (Part II) | GMP |
| 160f | - | Beta-apo-8'-carotenoic acid, ethyl ester | Carotene | 5th Schedule (Part II) | GMP |
| 161b(i) | 161b | Lutein from <i>Tagetes erecta</i> | Lutein | 5th Schedule (Part II) | GMP |
| 161b(iii) | - | Lutein esters from <i>Tagetes erecta</i> | Lutein esters from <i>Tagetes erecta</i> | 5th Schedule (Part II) | GMP |
| 162 | 162 | Beet red | Beet red | 5th Schedule (Part II) | GMP |
| 163(ii) | - | Grape skin extract | Grape skin extract (Enociania) | 5th Schedule (Part II) | GMP |
| 163(v) | - | Red cabbage colour | Red cabbage colour | 5th Schedule (Part II) | GMP |
| 166 | - | Sandalwood | Sandalwood | 5th Schedule (Part II) | GMP |
| 170(i) | 170 | Calcium carbonate | Calcium carbonate | Regulation 16(3), 7th & 8th Schedules | * |
| 171 | 171 | Titanium dioxide | Titanium dioxide | 5th Schedule (Part II) | GMP |
| 172 | 172 | Iron oxides | Iron oxide | 5th Schedule (Part II) | GMP |
| 172(i) | 172 | Iron oxide, black | Iron oxide | 5th Schedule (Part II) | GMP |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|------------------------------------|---|---|--------------|
| 172(ii) | 172 | Iron oxide, red | Iron oxide | 5th Schedule (Part II) | GMP |
| 172(iii) | 172 | Iron oxide, yellow | Iron oxide | 5th Schedule (Part II) | GMP |
| 173 | 173 | Aluminium | Aluminium | 5th Schedule (Part II) | GMP |
| 174 | 174 | Silver | Silver | 5th Schedule (Part II) | GMP |
| 175 | 175 | Gold (metallic) | Gold | 5th Schedule (Part II) | GMP |
| 200 | 200 | Sorbic acid | Sorbic acid | Regulation 19(2)(b), 4th Schedule (Part I) | * |
| 201 | - | Sodium sorbate | Sodium salt of sorbic acid | Regulation 19(2)(b), 4th Schedule (Part I) | * |
| 202 | 202 | Potassium sorbate | Potassium salt of sorbic acid | Regulation 19(2)(b), 4th Schedule Part I | * |
| 203 | 203 | Calcium sorbate | Calcium salt of sorbic acid | Regulation 19(2)(b), 4th Schedule (Part I) | * |
| 210 | 210 | Benzoic acid | Benzoic acid | Regulation 19(2)(b), 4th Schedule Part I | * |
| 211 | 211 | Sodium benzoate | Sodium salt of benzoic acid | Regulation 19(2)(b), 4th Schedule (Part I) | * |
| 212 | 212 | Potassium benzoate | Potassium salt of benzoic acid | Regulation 19(2)(b), 4th Schedule (Part I) | * |
| 218 | 218 | Methyl para-hydroxybenzoate | Methyl para-hydroxybenzoate | Regulation 19(2)(b), 4th Schedule (Part I) | * |
| 219 | 219 | Sodium methyl para-hydroxybenzoate | Sodium salt of methyl para-hydroxybenzoate | Regulation 19(2)(b), 4th Schedule (Part I) | * |
| 220 | 220 | Sulfur dioxide | Sulphur dioxide | Regulation 19(2)(b), 4th Schedule (Part I) | * |
| 221 | 221 | Sodium sulfite | Sodium salt of sulphurous acid | Regulation 19(2)(b), 4th Schedule (Part I) | * |
| 222 | 222 | Sodium hydrogen sulfite | Sodium salt of sulphurous acid | Regulation 19(2)(b), 4th Schedule (Part I) | * |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|---------------------------|--|---|--------------|
| 223 | 223 | Sodium metabisulfite | Sodium salt of sulphurous acid | Regulation 19(2)(b), 4th Schedule (Part I) | * |
| 224 | 224 | Potassium metabisulphite | Potassium salt of sulphurous acid | Regulation 19(2)(b), 4th Schedule (Part I) | * |
| 225 | - | Potassium sulfite | Potassium salt of sulphurous acid | Regulation 19(2)(b), 4th Schedule (Part I) | * |
| 226 | 226 | Calcium sulfite | Calcium salt of sulphurous acid | Regulation 19(2)(b), 4th Schedule (Part I) | * |
| 227 | 227 | Calcium hydrogen sulfite | Calcium salt of sulphurous acid | Regulation 19(2)(b), 4th Schedule (Part I) | * |
| 228 | 228 | Potassium bisulfite | Potassium salt of sulphurous acid | Regulation 19(2)(b), 4th Schedule (Part I) | * |
| 233 | - | Thiabendazole | Regulated as a pesticide for which maximum residue limits are specified under the Food Regulations | 9th Schedule | * |
| 234 | 234 | Nisin | Nisin | Regulation 32(3) | * |
| 235 | 235 | Natamycin (Pimaricin) | Natamycin | Regulation 117(2) | * |
| 242 | 242 | Dimethyl dicarbonate | Dimethyl dicarbonate | Regulation 19(2)(c), 4th Schedule (Part II) | * |
| 249 | 249 | Potassium nitrite | Nitrite of potassium | Regulation 19(2)(b), 4th Schedule (Part I) | * |
| 250 | 250 | Sodium nitrite | Nitrite of sodium | Regulation 19(2)(b), 4th Schedule (Part I) | * |
| 251 | 251 | Sodium nitrate | Nitrate of sodium | Regulation 19(2)(b), 4th Schedule (Part I) | * |
| 252 | 252 | Potassium nitrate | Nitrate of potassium | Regulation 19(2)(b), 4th Schedule (Part I) | * |
| 260 | 260 | Acetic acid (glacial) | Acetic acid | Regulation 19(2)(a), 8th & 17th Schedules | GMP |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|------------------------------|---|---|--------------|
| 261 | - | Potassium acetates | see INS 261(i) & (ii) | | |
| 261(i) | 261 | Potassium acetate | Potassium salt of acetic acid | Regulation 19(2)(a) | GMP |
| 261(ii) | - | Potassium diacetate | Potassium salt of acetic acid | Regulation 19(2)(a) | GMP |
| 262 | 262 | Sodium acetates | see INS 262(i) & (ii) | | |
| 262(i) | - | Sodium acetate | Sodium acetate / Sodium salt of acetic acid | 8th Schedule, Regulation 19(2)(a) | GMP |
| 262(ii) | - | Sodium diacetate | Sodium salt of acetic acid | Regulation 19(2)(a) | GMP |
| 263 | 263 | Calcium acetate | Calcium salt of acetic acid | Regulation 19(2)(a) | GMP |
| 270 | 270 | Lactic acid (L-, D- and DL-) | Lactic acid | Regulation 19(2)(a), 8th & 17th Schedules | GMP |
| 280 | 280 | Propionic acid | Propionic acid | Regulation 19(2)(a) | GMP |
| 281 | 281 | Sodium propionate | Sodium salt of propionic acid | Regulation 19(2)(a) | GMP |
| 282 | 282 | Calcium propionate | Calcium salt of propionic acid | Regulation 19(2)(a) | GMP |
| 283 | 283 | Potassium propionate | Potassium salt of propionic acid | Regulation 19(2)(a) | GMP |
| 290 | 290 | Carbon dioxide | Carbon dioxide | Regulation 27(2), 8th Schedule | GMP |
| 296 | 296 | Malic acid (DL-) | Malic acid | Regulations 19(2)(a), 141, 173 and 174, 8th Schedule | GMP |
| 297 | 297 | Fumaric acid | Fumaric acid | 8th Schedule | GMP |
| 300 | 300 | Ascorbic acid (L-) | Ascorbic acid | Regulation 17(2), 19(2)(a), 39(2)(d), 171, | GMP |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|--|---|---|---------------|
| | | | | 172 & 174, 7th Schedule | |
| 301 | 301 | Sodium ascorbate | Sodium salt of ascorbic acid / Sodium ascorbate | Regulation 19(2)(a), 7th Schedule | GMP |
| 302 | 302 | Calcium ascorbate | Calcium salt of ascorbic acid / Calcium ascorbate | Regulation 19(2)(a), 7th Schedule | GMP |
| 303 | - | Potassium ascorbate | Potassium salt of ascorbic acid / Potassium ascorbate | Regulation 19(2)(a), 7th Schedule | GMP |
| 304 | 304(i) | Ascorbyl palmitate | Ascorbyl palmitate / Ascorbyl-6-palmitate | 3rd Schedule, 7th Schedule | *3rd Schedule |
| 307 | - | Tocopherols | Tocopherols | Regulation 17(2) | GMP |
| 307a | 307 | Tocopherol, d-alpha | D-alpha tocopherol | 7th Schedule | GMP |
| 307b | 306 | Tocopherol concentrate, mixed | Tocopherols | Regulation 17(2) | GMP |
| 307c | 307 | Tocopherol, dl-alpha | DL-alpha tocopherol | 7th Schedule | GMP |
| 310 | 310 | Propyl gallate | Propyl gallate | 3rd Schedule | * |
| 311 | 311 | Octyl gallate | Octyl gallate | 3rd Schedule | * |
| 312 | 312 | Dodecyl gallate | Dodecyl gallate | 3rd Schedule | * |
| 315 | 315 | Erythorbic acid (Isoascorbic acid) | Erythorbic acid | Regulations 17(2) & 19(2)(a) | GMP |
| 316 | 316 | Sodium erythorbate (Sodium isoascorbate) | Sodium salt of erythorbic acid | Regulation 19(2)(a) | GMP |
| 317 | - | Potassium isoascorbate | Potassium salt of erythorbic acid | Regulation 19(2)(a) | GMP |
| 318 | - | Calcium isoascorbate | Calcium salt of erythorbic acid | Regulation 19(2)(a) | GMP |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|-------------------------------|---|--|--------------|
| 319 | 319 | Tertiary butylhydroquinone | Tertiary butylhydroquinone (TBHQ) | 3rd Schedule | * |
| 320 | 320 | Butylated hydroxyanisole | Butylated hydroxyanisole (BHA) | 3rd Schedule | * |
| 321 | 321 | Butylated hydroxytoluene | Butylated hydroxytoluene (BHT) | 3rd Schedule | * |
| 322(i) | 322 | Lecithin | Lecithin | Regulation 17(2), 6th Schedule | GMP |
| 322(ii) | - | Partially hydrolysed lecithin | Partially hydrolysed lecithin | 6th Schedule | GMP |
| 324 | - | Ethoxyquin | Ethoxyquin | 3rd & 9th Schedules | * |
| 325 | 325 | Sodium lactate | Sodium salt of lactic acid / Sodium lactate | Regulation 19(2)(a), 7th Schedule | GMP |
| 326 | 326 | Potassium lactate | Potassium salt of lactic acid / Potassium lactate | Regulation 19(2)(a), 7th Schedule | GMP |
| 327 | 327 | Calcium lactate | Calcium salt of lactic acid / Calcium lactate | Regulation 19(2)(a), 7th & 8th Schedules | GMP |
| 329 | - | Magnesium lactate (DL-) | Magnesium lactate | 8th Schedule | GMP |
| 330 | 330 | Citric acid | Citric acid | Regulations 17(2), 19(2)(a), 26(3), 125, 173 & 174, 8th & 17th Schedules | GMP |
| 331 | 331 | Sodium citrates | see INS 331(i), (ii) & (iii) | | |
| 331(i) | - | Sodium dihydrogen citrate | Sodium salt of citric acid | Regulation 19(2)(a) | GMP |
| 331(ii) | - | Disodium monohydrogen citrate | Sodium salt of citric acid | Regulation 19(2)(a) | GMP |
| 331(iii) | - | Trisodium citrate | Sodium salt of citric acid / Sodium citrate | Regulation 19(2)(a), 7th & 8th Schedules | GMP |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|--------------------------------|---|---|--------------|
| 332 | 332 | Potassium citrates | see INS 332 (i) & (ii) | | |
| 332(i) | - | Potassium dihydrogen citrate | Potassium salt of citric acid | Regulation 19(2)(a) | GMP |
| 332(ii) | - | Tripotassium citrate | Potassium salt of citric acid / Potassium citrate | Regulation 19(2)(a), 7th & 8th Schedules | GMP |
| 333 | 333 | Calcium citrates | see INS 333 (i), (ii) & (iii) | | |
| 333(i) | - | Monocalcium citrate | Calcium salt of citric acid | Regulation 19(2)(a) & 26(3) | GMP |
| 333(ii) | - | Dicalcium citrate | Calcium salt of citric acid | Regulation 19(2)(a) & 26(3) | GMP |
| 333(iii) | - | Tricalcium citrate | Calcium salt of citric acid / Calcium citrate | Regulation 19(2)(a) & 26(3), 7th & 8th Schedules | GMP |
| 334 | 334 | Tartaric acid (L (+)-) | Tartaric acid | Regulations 19(2)(a), 26(3), 173 & 174, 8th Schedule | GMP |
| 335 | 335 | Sodium tartrates | see INS 335(i) & (ii) | | |
| 335(i) | - | Monosodium tartrate | Sodium salt of tartaric acid | Regulation 19(2)(a) | GMP |
| 335(ii) | - | Sodium L(+) - tartrate | Sodium salt of tartaric acid / Sodium tartrate | Regulation 19(2)(a), 7th & 8th Schedules | GMP |
| 336 | 336 | Potassium tartrates | see INS 336(i) & (ii) | | |
| 336(i) | - | Monopotassium tartrate | Potassium salt of tartaric acid | Regulation 19(2)(a) | GMP |
| 336(ii) | - | Dipotassium tartrate | Potassium salt of tartaric acid | Regulation 19(2)(a) | GMP |
| 337 | 337 | Potassium sodium L(+)-tartrate | Sodium potassium tartrate | 8th Schedule | GMP |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|--------------------------------|---|--|-----------------------|
| 338 | 338 | Phosphoric acid | Phosphoric acid | Regulations 17(2), 19(2)(a) & 26(3), 7th & 8th Schedules | GMP |
| 339 | 339 | Sodium phosphates | see INS 339(i), (ii) & (iii) | | |
| 339(i) | - | Sodium dihydrogen phosphate | Sodium salt of phosphoric acid / Sodium phosphate, monobasic | Regulation 19(2)(a), 6th, 7th & 8th Schedules | GMP |
| 339(ii) | - | Disodium hydrogen phosphate | Sodium salt of phosphoric acid / Sodium phosphate, dibasic | Regulation 19(2)(a), 6th, 7th & 8th Schedules | GMP |
| 339(iii) | - | Trisodium phosphate | Sodium salt of phosphoric acid / Sodium phosphate, tribasic | Regulation 19(2)(a), 6th, 7th, 8th & 17th Schedules | GMP |
| 340 | 340 | Potassium phosphates | see INS 340 (i), (ii) & (iii) | | |
| 340(i) | - | Potassium dihydrogen phosphate | Potassium salt of phosphoric acid / Potassium phosphate, monobasic | Regulation 19(2)(a), 6 th & 7th Schedules | GMP |
| 340(ii) | - | Dipotassium hydrogen phosphate | Potassium salt of phosphoric acid / Potassium phosphate, dibasic | Regulation 19(2)(a), 6 th & 7th Schedules | GMP |
| 340(iii) | - | Tripotassium phosphate | Potassium salt of phosphoric acid | Regulation 19(2)(a) 6th Schedule | GMP |
| 341 | 341 | Calcium phosphates | see INS 341(i), (ii) & (iii) | | |
| 341(i) | - | Calcium dihydrogen phosphate | Calcium salt of phosphoric acid / Acid calcium phosphate / Calcium phosphate, monobasic | Regulations 19(2)(a) & 26(3), Regulation 39(2)(g), 7th & 8th Schedules | * Regulation 39(2)(g) |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|-------------------------------|---|---|--------------|
| 341(ii) | - | Calcium hydrogen phosphate | Calcium salt of phosphoric acid / Calcium phosphate, dibasic | Regulations 19(2)(a) & 26(3), 7th & 8th Schedules | GMP |
| 341(iii) | - | Tricalcium phosphate | Calcium salt of phosphoric acid / Calcium phosphate, tribasic | Regulations 19(2)(a) & 26(3), 6th, 7th & 8th Schedules | GMP |
| 342 | - | Ammonium phosphates | see INS 342(i) & (ii) | | |
| 342(i) | - | Ammonium dihydrogen phosphate | Ammonium phosphate, monobasic | 8th Schedule | GMP |
| 342(ii) | - | Diammonium hydrogen phosphate | Ammonium phosphate, dibasic | 8th Schedule | GMP |
| 343(ii) | - | Magnesium hydrogen phosphate | Magnesium phosphate, dibasic | 7th Schedule | GMP |
| 343(iii) | - | Trimagnesium phosphate | Magnesium phosphate, tribasic | 7th Schedule | GMP |
| 345 | - | Magnesium citrate | Magnesium citrate | 7th Schedule | GMP |
| 350 | 350 | Sodium malates | see INS 350(i) & (ii) | | |
| 350(i) | - | Sodium hydrogen DL-malate | Sodium salt of malic acid | Regulation 19(2)(a) | GMP |
| 350(ii) | - | Sodium DL-malate | Sodium salt of malic acid | Regulation 19(2)(a) | GMP |
| 351 | - | Potassium malates | see INS 351(i) & (ii) | | |
| 351(i) | - | Potassium hydrogen malate | Potassium salt of malic acid | Regulation 19(2)(a) | GMP |
| 351(ii) | 351 | Potassium malate | Potassium salt of malic acid | Regulation 19(2)(a) | GMP |
| 352 | 352 | Calcium malates | see INS 352(i) & (ii) | | |

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|-------------------|-----------------|---|---|---|--------------|
| 352(i) | - | Calcium hydrogen malate | Calcium salt of malic acid | Regulation 19(2)(a) | GMP |
| 352(ii) | - | Calcium malate (D,L-) | Calcium salt of malic acid | Regulation 19(2)(a) | GMP |
| 354 | 354 | Calcium tartrate (DL-) | Calcium salt of tartaric acid | Regulations 19(2)(a) & 26(3) | GMP |
| 355 | 355 | Adipic acid | Adipic acid | 8th Schedule | GMP |
| 363 | 363 | Succinic acid | Succinic acid | 8th Schedule | GMP |
| 365 | - | Sodium fumarate | Sodium fumarate | 8 th Schedule | GMP |
| 375 | - | Nicotinic acid | Nicotinic acid | 7th Schedule | GMP |
| 380 | 380 | Triammonium citrate | Triammonium citrate | 8th Schedule | GMP |
| 381 | - | Ferric ammonium citrate | Ferric ammonium citrate | 7th Schedule | GMP |
| 383 | - | Calcium glycerophosphate | Calcium glycerophosphate | 7th Schedule | GMP |
| 384 | - | Isopropyl citrates | Isopropyl citrate mixture (including monoisopropyl citrate) | 3rd Schedule | * |
| 385 | 385 | Calcium disodium ethylenediaminetetra acetate | Calcium disodium ethylenediaminetetraacetate | Regulation 26(4) | * |
| 392 | 392 | Rosemary extract | Rosemary extract | 3rd Schedule | * |
| 400 | 400 | Alginic acid | Alginic acid | 6th Schedule | GMP |
| 401 | 401 | Sodium alginate | Sodium alginate | 6th Schedule | GMP |
| 402 | 402 | Potassium alginate | Potassium alginate | 6th Schedule | GMP |
| 403 | 403 | Ammonium alginate | Ammonium alginate | 6th Schedule | GMP |
| 404 | 404 | Calcium alginate | Calcium alginate | 6th Schedule | GMP |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|---------------------------------------|---|---|--------------|
| 405 | 405 | Propylene glycol alginate | Propylene glycol alginate | 6th Schedule | GMP |
| 406 | 406 | Agar | Agar | 6th Schedule | GMP |
| 407 | 407 | Carrageenan (includes furcelleran) | Carrageenan and Furcelleran | 6th Schedule | GMP |
| 407a | 407a | Processed eucheuma seaweed (PES) | Processed Eucheuma seaweed | 6th Schedule | GMP |
| 409 | - | Arabinogalactan | Arabinogalactan (larch gum) | 6th Schedule | GMP |
| 410 | 410 | Carob bean gum | Carob gum | 6th Schedule | GMP |
| 412 | 412 | Guar gum | Guar gum | 6th Schedule | GMP |
| 413 | 413 | Tragacanth gum | Tragacanth gum | 6th Schedule | GMP |
| 414 | 414 | Gum arabic (Acacia gum) | Acacia gum | 6th Schedule | GMP |
| 415 | 415 | Xanthan gum | Xanthan gum | 6th Schedule | GMP |
| 416 | 416 | Karaya gum | Karaya gum | 6th Schedule | GMP |
| 417 | 417 | Tara gum | Tara gum | 6th Schedule | GMP |
| 418 | 418 | Gellan gum | Gellan gum | 6th Schedule | GMP |
| 419 | - | Gum ghatti | Ghatti gum | 6th Schedule | GMP |
| 420 | 420 | Sorbitols | See INS 420(i) and 420(ii) | | |
| 420(i) | 420 | Sorbitol | Sorbitol | 8th Schedule | GMP |
| 420(ii) | 420 | Sorbitol syrup | Sorbitol syrup | 8th Schedule | GMP |
| 421 | 421 | Mannitol | Mannitol | 8th Schedule | GMP |
| 422 | 422 | Glycerol | Glycerol / Glycerin or Glycerol | Regulation 22(2), 8th Schedule | GMP |
| 424 | - | Curdlan | Curdlan | 6th Schedule | GMP |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|---|---|---|--------------|
| 425 | 425 | Konjac flour | Konjac flour | 6th Schedule | GMP |
| 432 | 432 | Polyoxyethylene (20) sorbitan monolaurate | Polyoxyethylene (20) sorbitan monolaurate (polysorbate 20) | 6th Schedule | GMP |
| 433 | 433 | Polyoxyethylene (20) sorbitan monooleate | Polyoxyethylene (20) sorbitan mono-oleate (polysorbate 80) | 6th Schedule | GMP |
| 434 | 434 | Polyoxyethylene (20) sorbitan monopalmitate | Polyoxyethylene (20) sorbitan mono-palmitate (polysorbate 40) | 6th Schedule | GMP |
| 435 | 435 | Polyoxyethylene (20) sorbitan monostearate | Polyoxyethylene (20) sorbitan monostearate (polysorbate 60) | 6th Schedule | GMP |
| 436 | 436 | Polyoxyethylene (20) sorbitan tristearate | Polyoxyethylene (20) sorbitan tristearate (polysorbate 65) | 6th Schedule | GMP |
| 437 | - | Tamarind seed polysaccharide | Tamarind seed polysaccharide | 6th Schedule | GMP |
| 440 | 440 | Pectins | Pectins, including amidated pectins | 6th Schedule | GMP |
| 442 | 442 | Ammonium salts of phosphatidic acid | Ammonium phosphatides | Regulation 168(1)(ga) | * |
| 444 | 444 | Sucrose acetate isobutyrate | Sucrose acetate isobutyrate | Regulation 21(3)(b) | * |
| 445(iii) | 445 | Glycerol ester of wood rosin | Ester gum | Regulation 21(3)(a) | * |
| 450 | 450 | Diphosphates | see INS 450(i) - (vii) | | |
| 450(i) | - | Disodium diphosphate | Sodium salt of phosphoric acid | Regulation 19(2)(a) 6th Schedule | GMP |
| 450(ii) | - | Trisodium diphosphate | Sodium salt of phosphoric acid | Regulation 19(2)(a) 6th Schedule | GMP |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|--------------------------------|---|---|---------------------|
| 450(iii) | - | Tetrasodium diphosphate | Sodium salt of phosphoric acid / Sodium pyrophosphate | Regulation 19(2)(a), 6th & 8th Schedules | GMP |
| 450(iv) | - | Dipotassium diphosphate | Potassium salt of phosphoric acid | Regulation 19(2)(a) | GMP |
| 450(v) | - | Tetrapotassium diphosphate | Potassium salt of phosphoric acid | Regulation 19(2)(a) 6th Schedule | GMP |
| 450(vi) | - | Dicalcium diphosphate | Calcium salt of phosphoric acid / Calcium pyrophosphate | Regulation 19(2)(a), 6th & 7th Schedules | GMP |
| 450(vii) | - | Calcium dihydrogen diphosphate | Calcium salt of phosphoric acid | Regulation 19(2)(a) 6th Schedule | GMP |
| 451 | 451 | Triphosphates | see INS 451(i) & (ii) | | |
| 451(i) | - | Pentasodium triphosphate | Sodium salt of phosphoric acid | Regulation 19(2)(a) 6th Schedule | GMP |
| 451(ii) | - | Pentapotassium triphosphate | Potassium salt of phosphoric acid | Regulation 19(2)(a) 6th Schedule | GMP |
| 452 | 452 | Polyphosphates | see INS 452(i), (ii) & (iv) | | |
| 452(i) | - | Sodium polyphosphate | Sodium salt of phosphoric acid / Sodium hexametaphosphate | Regulations 19(2)(a), Regulation 100(c) 6th Schedule | * Regulation 100(c) |
| 452(ii) | - | Potassium polyphosphate | Potassium salt of phosphoric acid | Regulation 19(2)(a) 6th Schedule | GMP |
| 452(iv) | - | Calcium polyphosphate | Calcium salt of phosphoric acid | Regulation 19(2)(a) 6th Schedule | GMP |
| 457 | - | Cyclodextrin, alpha- | Cyclodextrin, alpha- | 6th Schedule | GMP |
| 458 | - | Cyclodextrin, gamma- | Cyclodextrin, gamma- | 6th Schedule | GMP |
| 459 | 459 | Cyclodextrin, beta- | beta-Cyclodextrin | Regulation 22(2) | GMP |
| 460 | 460 | Celluloses | see INS 460 (i) & (ii) | | |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|--|---|---|--------------------|
| 460(i) | - | Microcrystalline cellulose (cellulose gel) | Cellulose | 6th Schedule | GMP |
| 460(ii) | - | Powdered cellulose | Cellulose | 6th Schedule | GMP |
| 461 | 461 | Methyl cellulose | Methyl cellulose | 6th Schedule | GMP |
| 462 | 462 | Ethyl cellulose | Ethyl cellulose | 6th Schedule | GMP |
| 463 | 463 | Hydroxypropyl cellulose | Hydroxy propyl cellulose | 6th Schedule | GMP |
| 464 | 464 | Hydroxypropyl methyl cellulose | Hydroxy propyl methyl cellulose | 6th Schedule | GMP |
| 465 | 465 | Methyl ethyl cellulose | Methyl ethyl cellulose | 6th Schedule | GMP |
| 466 | 466 | Sodium carboxymethyl cellulose (cellulose gum) | Carboxy methyl cellulose | 6th Schedule | GMP |
| 467 | - | Ethyl hydroxyethyl cellulose | Ethyl hydroxyethyl cellulose | 6th Schedule | GMP |
| 468 | 468 | Cross-linked sodium carboxymethyl cellulose (cross-linked cellulose gum) | Croscarmellose sodium | Regulation 18(5), 6th Schedule | GMP |
| 469 | 469 | Sodium carboxymethyl cellulose, enzymatically hydrolysed (cellulose gum, enzymatically hydrolysed) | Enzymatically hydrolysed sodium carboxymethyl cellulose (cellulose gum, enzymatically hydrolysed) | 6th Schedule | GMP |
| 470(i) | 470a | Salts of myristic, palmitic and stearic acids with ammonia, | Ammonium, calcium, potassium or sodium myristate; Ammonium, calcium, potassium or sodium palmitate; | Regulation 16(3), Regulation 18(5) (applies to calcium stearate only), 6th Schedule | * Regulation 16(3) |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|--|---|---|--------------------|
| | | calcium, potassium and sodium | Ammonium, calcium, potassium or sodium stearate | | |
| 470(ii) | 470a | Salts of oleic acid with calcium, potassium and sodium | Calcium, potassium or sodium oleate | Regulation 16(3), 6th Schedule | * Regulation 16(3) |
| 470(iii) | - | Magnesium stearate | Magnesium stearate | Regulation 16(3), 8th Schedule | * Regulation 16(3) |
| 471 | 471 | Mono- and di-glycerides of fatty acids | Mono and diglycerides of fatty acids | 6th Schedule | GMP |
| 472a | 472a | Acetic and fatty acid esters of glycerol | Acetylated mono-glycerides | 6th Schedule | GMP |
| 472b | 472b | Lactic and fatty acid esters of glycerol | Glycerol esters of lactic acid | 8th Schedule | GMP |
| 472c | 472c | Citric and fatty acid esters of glycerol | Citric acid glycerides / Glycerol esters of citric acid | 6th & 8th Schedule | GMP |
| 472d | 472d | Tartaric acid esters of mono- and di-glycerides of fatty acids | Tartaric acid glycerides | 6th Schedule | GMP |
| 472e | 472e | Diacetyltartaric and fatty acid esters of glycerol | Diacetyl tartaric acid glycerides | 6th Schedule | GMP |
| 473 | 473 | Sucrose esters of fatty acids | Sucrose esters of fatty acids | 8th Schedule | GMP |
| 473a | - | Sucrose oligoesters, type I and type II | Sucrose oligoesters, type I and type II | 8th Schedule | GMP |
| 475 | 475 | Polyglycerol esters of fatty acids | Polyglycerol esters of fatty acids | 6th Schedule | GMP |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|--|---|---|--------------|
| 476 | 476 | Polyglycerol esters of interesterified ricinoleic acid | Polyglycerol polyricinoleate | 6th Schedule | GMP |
| 477 | 477 | Propylene glycol esters of fatty acids | Propylene glycol esters of fatty acids | 6th Schedule | GMP |
| 480 | - | Diocetyl sodium sulfosuccinate | Diocetyl sodium sulphosuccinate | 6th Schedule | GMP |
| 481(i) | 481 | Sodium stearyl lactylate | Sodium salt of stearyl-2-lactylic acid | 6th Schedule | GMP |
| 482(i) | 482 | Calcium stearyl lactylate | Calcium salt of stearyl-2-lactylic acid | 6th Schedule | GMP |
| 483 | 483 | Stearyl tartrate | Stearyl tartrate | 6th Schedule | GMP |
| 491 | 491 | Sorbitan monostearate | Sorbitan monostearate | 6th Schedule | GMP |
| 492 | 492 | Sorbitan tristearate | Sorbitan tristearate | 6th Schedule | GMP |
| 493 | 493 | Sorbitan monolaurate | Sorbitan monolaurate | 6th Schedule | GMP |
| 494 | 494 | Sorbitan monooleate | Sorbitan mono-oleate | 6th Schedule | GMP |
| 495 | 495 | Sorbitan monopalmitate | Sorbitan mono-palmitate | 6th Schedule | GMP |
| 500 | 500 | Sodium carbonates | see INS 500(i), (ii) & (iii) | | |
| 500(i) | - | Sodium carbonate | Sodium carbonate | Regulation 181, 7th & 8th Schedules | GMP |
| 500(ii) | 500(ii) | Sodium hydrogen carbonate | Sodium bicarbonate | 7th & 8th Schedules | GMP |
| 500(iii) | - | Sodium sesquicarbonate | Sodium sesquicarbonate | 8th Schedule | GMP |
| 501 | 501 | Potassium carbonates | see INS 501(i) & (ii) | | |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|-------------------------------|---|---|--------------------|
| 501(i) | - | Potassium carbonate | Potassium carbonate | 7th & 8th Schedules | GMP |
| 501(ii) | - | Potassium hydrogen carbonate | Potassium bicarbonate | 7th & 8th Schedules | GMP |
| 503 | 503 | Ammonium carbonates | see INS 503(i) & (ii) | | |
| 503(i) | - | Ammonium carbonate | Ammonium carbonate | 8th Schedule | GMP |
| 503(ii) | - | Ammonium hydrogen carbonate | Ammonium bicarbonate | 8th Schedule | GMP |
| 504(i) | 504 | Magnesium carbonate | Magnesium carbonate | Regulation 16(3), 7th & 8th Schedules | * Regulation 16(3) |
| 504(ii) | - | Magnesium hydroxide carbonate | Magnesium hydroxide carbonate | 8th Schedule | GMP |
| 505 | - | Ferrous carbonate | Ferrous carbonate | 7th Schedule | GMP |
| 507 | 507 | Hydrochloric acid | Hydrochloric acid | 8th & 17th Schedules | GMP |
| 508 | 508 | Potassium chloride | Potassium chloride | 7th & 8th Schedules | GMP |
| 509 | 509 | Calcium chloride | Calcium chloride | Regulation 211, 7th & 8th Schedules | * Regulation 211 |
| 510 | - | Ammonium chloride | Ammonium chloride | Regulation 39(2)(f) | * |
| 511 | 511 | Magnesium chloride | Magnesium chloride | Regulation 211, 7th & 8th Schedules | * |
| 513 | 513 | Sulfuric acid | Sulphuric acid | 8th & 17th Schedule | GMP |
| 514 | 514 | Sodium sulfates | See INS 514(i) & (ii) | | |
| 514(i) | - | Sodium sulfate | Sodium sulphate | 7th, 8th & 17th Schedules | GMP |
| 514(ii) | - | Sodium hydrogen sulfate | Sodium acid sulphate (sodium hydrogen sulphate) | 8th Schedule | GMP |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|-------------------------------------|---|---|------------------------|
| 515(i) | 515 | Potassium sulfate | Potassium sulphate | 8th Schedule | GMP |
| 516 | 516 | Calcium sulfate | Calcium sulphate | Regulations 42 & 211, 7th & 8th Schedules | * Regulations 42 & 211 |
| 517 | 517 | Ammonium sulfate | Ammonium sulphate | 8th Schedule | GMP |
| 518 | - | Magnesium sulfate | Magnesium sulphate | 7th & 8th Schedules | GMP |
| 519 | - | Cupric sulfate | Cupric sulphate | 7th Schedule | GMP |
| 522 | 522 | Aluminium potassium sulfate | Aluminium potassium sulphate | Regulation 141(d) | * |
| 524 | 524 | Sodium hydroxide | Sodium hydroxide | 7th, 8th & 17th Schedules | GMP |
| 525 | 525 | Potassium hydroxide | Potassium hydroxide | 7th, 8th & 17th Schedules | GMP |
| 526 | 526 | Calcium hydroxide | Calcium hydroxide | 7th & 8th Schedules | GMP |
| 527 | 527 | Ammonium hydroxide | Ammonium hydroxide | 8th & 17th Schedules | GMP |
| 528 | 528 | Magnesium hydroxide | Magnesium hydroxide | 7th & 8th Schedules | GMP |
| 529 | 529 | Calcium oxide | Calcium oxide | 7th Schedule | GMP |
| 530 | 530 | Magnesium oxide | Magnesium oxide | 7th & 8th Schedules | GMP |
| 535 | 535 | Sodium ferrocyanide | Sodium ferrocyanide | Regulation 16(4) | * |
| 536 | 536 | Potassium ferrocyanide | Potassium ferrocyanide | Regulation 16(4) | * |
| 539 | - | Sodium thiosulfate | Sodium salt of sulphurous acid | Regulation 19(2)(b), 4th Schedule (Part I) | * |
| 541 | - | Sodium aluminium phosphate | see INS 541(i) & (ii) | | |
| 541(i) | 541 | Sodium aluminium phosphate (acidic) | Sodium aluminium phosphate | 8th Schedule | GMP |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|------------------------------------|---|---|--------------------|
| 541(ii) | - | Sodium aluminium phosphate (basic) | Sodium aluminium phosphate | 8th Schedule | GMP |
| 542 | - | Bone phosphate | Edible bone phosphate | Regulation 16(3) | * |
| 551 | 551 | Silicon dioxide, amorphous | Silicon dioxide / Silica aerogel | Regulation 16(3), 8th Schedule | * Regulation 16(3) |
| 552 | 552 | Calcium silicate | Calcium silicate | Regulation 16(3) | * |
| 553 | 553a | Magnesium silicates | see INS 553(i), (ii) and (iii) | | |
| 553(i) | - | Magnesium silicate, synthetic | Magnesium silicate (synthetic) | Regulation 16(3) | * |
| 553(ii) | - | Magnesium trisilicate | Magnesium trisilicate | Regulation 16(3) | * |
| 553(iii) | 553b | Talc | Talc | Regulation 16(3) | * |
| 554 | 554 | Sodium aluminosilicate | Sodium aluminium silicate | Regulation 16(3) | * |
| 556 | 556 | Calcium aluminium silicate | Calcium aluminium silicate | Regulation 16(3) | * |
| 575 | 575 | Glucono delta-lactone | Glucono delta-lactone | 8th Schedule | GMP |
| 576 | 576 | Sodium gluconate | Sodium gluconate | 7th Schedule | GMP |
| 577 | 577 | Potassium gluconate | Potassium gluconate | 7th Schedule | GMP |
| 578 | 578 | Calcium gluconate | Calcium gluconate | 7th & 8th Schedules | GMP |
| 579 | 579 | Ferrous gluconate | Ferrous gluconate | 7th Schedule | GMP |
| 580 | - | Magnesium gluconate | Magnesium gluconate | 7th Schedule | GMP |
| 585 | 585 | Ferrous lactate | Ferrous lactate | 7th Schedule | GMP |
| 620 | 620 | Glutamic acid, L(+) | L-glutamic acid | Regulation 23(2) | GMP |
| 621 | 621 | Monosodium L-glutamate | Monosodium L-glutamate / Monosodium salt of L- | Regulations 23(2), 23(3) & 246 | GMP |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|-----------------------------|---|---|--------------|
| | | | glutamic acid / Monosodium glutamate | | |
| 622 | 622 | Monopotassium L-glutamate | Monopotassium L-glutamate | Regulation 23(2) | GMP |
| 623 | 623 | Calcium di-L-glutamate | Calcium di-L-glutamate | Regulation 23(2) | GMP |
| 624 | 624 | Monoammonium L-glutamate | Monoammonium L-glutamate | Regulation 23(2) | GMP |
| 625 | 625 | Magnesium di-L-glutamate | Magnesium di-L-glutamate | Regulation 23(2) | GMP |
| 626 | 626 | Guanylic acid, 5'- | Guanylic acid | Regulation 23(2) | GMP |
| 627 | 627 | Disodium 5'-guanylate | Disodium 5'-guanylate | Regulation 23(2) | GMP |
| 628 | 628 | Dipotassium 5'-guanylate | Dipotassium 5'-guanylate | Regulation 23(2) | GMP |
| 629 | 629 | Calcium 5'-guanylate | Calcium 5'-guanylate | Regulation 23(2) | GMP |
| 630 | 630 | Inosinic acid, 5'- | Inosinic acid | Regulation 23(2) | GMP |
| 631 | 631 | Disodium 5'-inosinate | Disodium 5'-inosinate | Regulation 23(2) | GMP |
| 632 | 632 | Potassium 5'-inosinate | Dipotassium 5'-inosinate | Regulation 23(2) | GMP |
| 633 | 633 | Calcium 5'-inosinate | Calcium 5'-inosinate | Regulation 23(2) | GMP |
| 634 | 634 | Calcium 5'-ribonucleotides | see INS 629 and INS 633 above | | |
| 635 | 635 | Disodium 5'-ribonucleotides | see INS 627 and INS 631 above | | |
| 637 | - | Ethyl maltol | Ethyl maltol | Regulation 23(2) | GMP |
| 640 | 640 | Glycine | Glycine | Regulation 26(3) | GMP |
| 641 | 641 | L-Leucine | L-Leucine | 7th Schedule | GMP |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|--|---|---|------------------|
| 650 | 650 | Zinc acetate | Zinc acetate | 7th Schedule | GMP |
| 900a | 900 | Polydimethylsiloxane | Dimethyl polysiloxane | Regulations 16A(3) & (4) | * |
| 901 | 901 | Beeswax | Beeswax | 8th Schedule | GMP |
| 902 | 902 | Candelilla wax | Candelilla wax | 8th Schedule | GMP |
| 903 | 903 | Carnauba wax | Carnauba wax | 8th Schedule | GMP |
| 904 | 904 | Shellac, bleached | Shellac | 8th Schedule | GMP |
| 905b | - | Petroleum jelly (Petrolatum) | Petroleum jellies | Regulation 36 | * |
| 905c(i) | 905 | Microcrystalline wax | Micro-crystalline waxes | Regulation 36 | * |
| 905c(ii) | - | Paraffin wax | Hard paraffins | Regulation 36 | * |
| 905d | - | Mineral Oil (High Viscosity) | White mineral oils | Regulation 36 | * |
| 905e | - | Mineral Oil (Medium Viscosity) | White mineral oils | Regulation 36 | * |
| 917 | - | Potassium iodate | Potassium iodate | Regulation 212, 7th Schedule | * Regulation 212 |
| 920 | 920 | Cysteine, L- and its hydrochlorides - sodium and potassium salts | Only L-cysteine is permitted | Regulation 23(2) | GMP |
| 922 | - | Potassium persulfate | Potassium persulphate | Regulation 39(2)(e) | * |
| 923 | - | Ammonium persulfate | Ammonium persulphate | Regulation 39(2)(e) | * |
| 925 | - | Chlorine | Chlorine | Regulation 39(3) | * |
| 926 | - | Chlorine dioxide | Chlorine dioxide | Regulation 39(3), 17th Schedule | * |
| 928 | - | Benzoyl peroxide | Benzoyl peroxide | Regulation 39(3) | * |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|-------------------------------------|---|---|--|
| - | 939 | Helium | Helium | Regulation 27(2), 8th Schedule | * |
| 941 | 941 | Nitrogen | Nitrogen | Regulation 27(2), 8th Schedule | GMP |
| 942 | 942 | Nitrous oxide | Nitrous oxide | 8th Schedule | GMP |
| 950 | 950 | Acesulfame potassium | Acesulfame-K | Regulation 18, 13th Schedule | * |
| 951 | 951 | Aspartame | Aspartame | 8th Schedule | GMP (to note specific labelling requirements for food products containing aspartame in Regulation 5(4)(f)) |
| 952 | 952 | Cyclamates | see INS 952(i), (ii) and (iv) | | |
| 952(i) | 952 | Cyclamic acid | Cyclamic acid | Regulation 18, 13th Schedule | * |
| 952(ii) | 952 | Calcium cyclamate | Calcium salt of cyclamic acid | Regulation 18, 13th Schedule | * |
| 952(iv) | 952 | Sodium cyclamate | Sodium salt of cyclamic acid | Regulation 18, 13th Schedule | * |
| 953 | 953 | Isomalt (Hydrogenated isomaltulose) | Isomalt | 8th Schedule | GMP |
| 954 | 954 | Saccharins | see INS 954 (i), (ii), (iii) & (iv) | | |
| 954(i) | 954 | Saccharin | Saccharin | Regulation 18, 13th Schedule | * |
| 954(ii) | 954 | Calcium saccharin | Calcium salt of saccharin | Regulation 18, 13th Schedule | * |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|---|---|---|--------------|
| 954(iii) | 954 | Potassium saccharin | Potassium salt of saccharin | Regulation 18, 13th Schedule | * |
| 954(iv) | 954 | Sodium saccharin | Sodium salt of saccharin | Regulation 18, 13th Schedule | * |
| 955 | 955 | Sucralose (Trichlorogalactosucrose) | Sucralose | Regulation 18, 13th Schedule | * |
| 957 | 957 | Thaumatococcus | Thaumatococcus | 8th Schedule | GMP |
| 960 | 960 | Steviol glycosides | Steviol glycosides | Regulation 18, 13th Schedule | * |
| 960a | 960a | Steviol glycosides from <i>Stevia rebaudiana</i> Bertoni (steviol glycosides from <i>Stevia</i>) | Steviol glycosides from <i>Stevia rebaudiana</i> Bertoni (steviol glycosides from <i>Stevia</i>) | Regulation 18, 13th Schedule | * |
| 960b | 960b | Steviol glycosides from fermentation | Steviol glycosides from fermentation | Regulation 18, 13th Schedule | * |
| 960c | 960c | Enzymatically produced steviol glycosides | Enzymatically produced steviol glycosides (including steviol glycosides produced using the enzyme uridine triphosphate (UTP)-glucose-1-phosphate uridylyltransferase (EC 2.7.7.9) from the source organism <i>Bifidobacterium bifidum</i>) | Regulation 18, 13th Schedule | * |
| 960d | 960d | Glucosylated steviol glycosides | Glucosylated steviol glycosides | Regulation 18, 13th Schedule | * |
| 961 | 961 | Neotame | Neotame | Regulation 18, 13th Schedule | * |
| 964 | 964 | Polyglycitol syrup | Hydrogenated starch hydrolysate (polyglycitol syrup) | 8th Schedule | GMP |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|---------------------------|---|---|--------------|
| 965 | 965 | Maltitols | Hydrogenated glucose syrup (maltitol and maltitol-based products) | 8th Schedule | GMP |
| 965(i) | - | Maltitol | Hydrogenated glucose syrup (maltitol and maltitol-based products) | 8th Schedule | GMP |
| 965(ii) | - | Maltitol syrup | Hydrogenated glucose syrup (maltitol and maltitol-based products) | 8th Schedule | GMP |
| 966 | 966 | Lactitol | Lactitol | 8th Schedule | GMP |
| 967 | 967 | Xylitol | Xylitol | 8th Schedule | GMP |
| 968 | 968 | Erythritol | Erythritol | 8th Schedule | GMP |
| 969 | 969 | Advantame | Advantame | Regulation 18(3A) | GMP |
| 999 | 999 | Quillaia extracts | Quillaia extracts | Regulation 21(3A) | * |
| 999(i) | 999 | Quillaia extract type 1 | Quillaia extract (Type I) | Regulation 21(3A) | * |
| 999(ii) | 999 | Quillaia extract type 2 | Quillaia extract (Type II) | Regulation 21(3A) | * |
| 1001(iii) | - | Choline chloride | Choline chloride | 7th Schedule | GMP |
| 1001(v) | - | Choline tartrate | Choline bitartrate | 7th Schedule | GMP |
| 1100 | - | Amylases | Harmless preparation of enzymes obtained from <i>Aspergillus oryzae</i> | Regulation 39(2)(c), 8th Schedule | GMP |
| 1101 | - | Proteases | see INS 1101(i) | | |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|--|---|---|------------------------|
| 1101(i) | - | Protease | Harmless preparation of enzymes obtained from <i>Aspergillus oryzae</i> | Regulation 39(2)(c), 8th Schedule | GMP |
| 1105 | 1105 | Lysozyme | Lysozyme | Regulation 117(1) | GMP |
| 1200 | 1200 | Polydextroses | Polydextrose | Regulation 252(6)(d), 8th Schedule | * Regulation 252(6)(d) |
| 1202 | 1202 | Polyvinylpyrrolidone, insoluble (polyvinylpyrrolidone) | Polyvinylpyrrolidone, insoluble (polyvinylpyrrolidone) | 8th Schedule | GMP |
| 1204 | 1204 | Pullulan | Pullulan | 8th Schedule | GMP |
| 1210 | - | Sodium polyacrylate | Sodium polyacrylate | Regulation 55(4A) | * |
| 1400 | - | Dextrins, roasted starch | Dextrin roasted starch | 6th Schedule | GMP |
| 1401 | - | Acid-treated starch | Acid-treated starch | 6th Schedule | GMP |
| 1402 | - | Alkaline treated starch | Alkaline-treated starch | 6th Schedule | GMP |
| 1403 | - | Bleached starch | Bleached starch | 6th Schedule | GMP |
| 1404 | 1404 | Oxidized starch | Oxidised starch | 6th Schedule | GMP |
| 1405 | - | Starches, enzyme treated | Enzyme-treated starch | 6th Schedule | GMP |
| 1410 | 1410 | Monostarch phosphate | Monostarch phosphate | 6th Schedule | GMP |
| 1412 | 1412 | Distarch phosphate | Distarch phosphate | 6th Schedule | GMP |
| 1413 | 1413 | Phosphated distarch phosphate | Phosphated distarch phosphate | 6th Schedule | GMP |
| 1414 | 1414 | Acetylated distarch phosphate | Acetylated distarch phosphate | 6th Schedule | GMP |
| 1420 | 1420 | Starch acetate | Starch acetate | 6th Schedule | GMP |

| INS Number | E Number | Food Additive Name | Name of additive as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Notes |
|-------------------|-----------------|----------------------------------|---|---|--------------|
| 1422 | 1422 | Acetylated distarch adipate | Acetylated distarch adipate | 6th Schedule | GMP |
| 1440 | 1440 | Hydroxypropyl starch | Hydroxypropyl starch | 6th Schedule | GMP |
| 1442 | 1442 | Hydroxypropyl distarch phosphate | Hydroxypropyl distarch phosphate | 6th Schedule | GMP |
| 1450 | 1450 | Starch sodium octenyl succinate | Starch sodium octenyl succinate | 6th Schedule | GMP |
| 1451 | 1451 | Acetylated oxidized starch | Acetylated oxidised starch | 6th Schedule | GMP |
| 1504(i) | - | Cyclotetraglucose | Cyclotetraglucose | 8th Schedule | GMP |
| 1504(ii) | - | Cyclotetraglucose syrup | Cyclotetraglucose syrup | 8th Schedule | GMP |
| 1505 | 1505 | Triethyl citrate | Triethyl citrate | Regulation 28(6) | * |
| 1517 | 1517 | Glycerol diacetate | Diacetin | Regulation 22(2) | GMP |
| 1518 | 1518 | Triacetin | Triacetin | Regulation 22(2) | GMP |
| 1519 | 1519 | Benzyl alcohol | Benzyl alcohol | Regulation 22(2) | GMP |
| 1520 | 1520 | Propylene glycol | Propylene glycol | Regulation 22(2), 8th Schedule | GMP |
| 1521 | 1521 | Polyethylene glycol | Polyethylene glycol | 8th Schedule | GMP |

(B) Other Food Additives / ingredients

Notes:

- (1) Permitted enzymes are listed under Part 2 of the Eighth Schedule of the Food Regulations.
- (2) Flavouring agents, including both natural flavouring agents and synthetic flavouring essences or extracts are regulated under Regulation 22 of the Food Regulations. Flavouring agents do not include substances that impart a sweet taste to food; such substances would be regulated as sweetening agents under the Food Regulations. In principle, SFA has no objection to the use of flavouring substances that have been evaluated and endorsed by recognised international bodies such as the Joint FAO/WHO Expert Committee on Food Additives (JECFA), the Flavour and Extract Manufacturers' Association (FEMA), or the European Food Safety Authority (EFSA), under good manufacturing practice (GMP), provided that the flavouring preparations do not contain any of the prohibited substances listed under Regulation 22(7) of the Food Regulations.

Table 2: Other Food Additives / ingredients

| Name of additive / ingredient as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Maximum level (mg/l or mg/kg as appropriate) |
|---|---|---|
| Acetone | Regulation 28(4) & 8th Schedule | * Regulation 28(4) |
| Acidified sodium chlorite | 17th Schedule | * |
| Ammonium molybdate | 7th Schedule | GMP |
| Biotin (Vitamin H) | Regulation 252(3)(n), 7th Schedule | * Regulation 252(3)(n) |
| Bovine lactoferrin | Regulation 252(6)(e) | * |
| Calcium caseinate | 6th Schedule | GMP |
| Calcium hypochlorite | 17th Schedule | * |
| Calcium L-methylfolate | 7th Schedule | GMP |
| Calcium pantothenate | 7th Schedule | GMP |
| Carbonyl iron | 7th Schedule | GMP |
| Cetylpyridinium chloride solution, with or without propylene glycol | 17th Schedule | * |
| Cholecalciferol (Vitamin D3) | 7th Schedule | GMP |
| Cholecalciferol-cholesterol (Vitamin D3) | 7th Schedule | GMP |

| Name of additive / ingredient as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Maximum level (mg/l or mg/kg as appropriate |
|--|---|--|
| Chromium chloride hexahydrate | 7th Schedule | GMP |
| Chromium picolinate | 7th Schedule | GMP |
| Copper gluconate | 7th Schedule | GMP |
| Cupric carbonate | 7th Schedule | GMP |
| Cupric citrate | 7th Schedule | GMP |
| Cyanocobalamin | 7th Schedule | GMP |
| D-alpha-tocopheryl acetate | 7th Schedule | GMP |
| D-alpha-tocopheryl succinate | 7th Schedule | GMP |
| D-biotin | 7th Schedule | GMP |
| DL-alpha-tocopheryl acetate | 7th Schedule | GMP |
| DL-alpha-tocopheryl succinate | 7th Schedule | GMP |
| 1,3-dibromo-5,5-dimethylhydantoin | 17th Schedule | * |
| Electrolytic iron | 7th Schedule | GMP |
| Ergocalciferol (Vitamin D2) | 7th Schedule | GMP |
| Ethyl alcohol | Regulation 19(2)(a) & 17th Schedule | GMP |
| Ferric citrate | 7th Schedule | GMP |
| Ferric gluconate | 7th Schedule | GMP |
| Ferric phosphate | 7th Schedule | GMP |
| Ferric pyrophosphate | 7th Schedule | GMP |
| Ferric saccharate | 7th Schedule | GMP |
| Ferrous ammonium phosphate | 7th Schedule | GMP |
| Ferrous citrate | 7th Schedule | GMP |
| Ferrous fumarate | 7th Schedule | GMP |

| Name of additive / ingredient as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Maximum level (mg/l or mg/kg as appropriate) |
|---|--|--|
| Ferrous bisglycinate (ferrous glycinate processed with citric acid) | 7th Schedule | GMP |
| Ferrous succinate | 7th Schedule | GMP |
| Ferrous sulphate | 7th Schedule | GMP |
| Folic acid | 7th Schedule | GMP |
| 2'-fucosyllactose | Regulation 252(6)(g) | * |
| 2'-fucosyllactose/ difucosyllactose (2'-FL/DFL) mixture | Regulation 252(6)(i) | * |
| 3-fucosyllactose | Regulation 252(6)(m) | * |
| Galacto-oligosaccharides | Regulation 252(6)(c) | * |
| High fructose syrup | 8th Schedule | GMP |
| Hydrogen peroxide | 8th Schedule | GMP |
| Hydrogen reduced iron | 7th Schedule | GMP |
| Hydroxocobalamin | 7th Schedule | GMP |
| Hypobromous acid | 17th Schedule | * |
| Inositol | 7th Schedule | GMP |
| L-Isoleucine | 7th Schedule | GMP |
| L- Isoleucine monohydrochloride | 7th Schedule | GMP |
| Lactated mono-diglycerides | 6th Schedule | GMP |
| Lactoferrin | 17th Schedule | * |
| Lacto-N-neotetraose | Regulation 252(6)(h) | * |
| Lacto-N-tetraose | Regulation 252(6)(j) | * |
| L-Leucine monohydrochloride | 7th Schedule | GMP |
| L-Lysine | 7th Schedule | GMP |

| Name of additive / ingredient as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Maximum level (mg/l or mg/kg as appropriate) |
|--|---|---|
| L- Lysine acetate | 7th Schedule | GMP |
| L-Lysine monohydrochloride | 7th Schedule | GMP |
| Magnesium glycerophosphate | 7th Schedule | GMP |
| Manganese carbonate | 7th Schedule | GMP |
| Manganese chloride | 7th Schedule | GMP |
| Manganese citrate | 7th Schedule | GMP |
| Manganese gluconate | 7th Schedule | GMP |
| Manganese glycerophosphate | 7th Schedule | GMP |
| Manganese sulphate | 7th Schedule | GMP |
| Menaquinone-7 | 7th Schedule | GMP |
| Methanol | Regulation 28(5) | * |
| L-Methionine | 7th Schedule | GMP |
| Monk fruit extract | Regulation 18(3B) | GMP |
| Niacin | 7th Schedule | GMP |
| Niacinamide | 7th Schedule | GMP |
| Nicotinamide | Regulation 252(3)(h), 7th Schedule | *, Regulation 252(3)(h) |
| Oligofructose (from chicory root) | Regulation 252(6)(c), 8th Schedule | *, Regulation 252(6)(c) |
| Ozone | 17th Schedule | GMP |
| Panthenol (Dexpanthenol or D- pantothenyl alcohol) | 7th Schedule | GMP |
| Pantothenic acid | Regulation 252(3)(k), 7th Schedule | Regulation 252(3)(k), * |
| Peracetic acid | 8th Schedule | GMP |
| Peroxyacetic acid and hydrogen peroxide, with or without 1-hydroxyethylidene-1, | 17th Schedule | GMP |

| Name of additive / ingredient as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Maximum level (mg/l or mg/kg as appropriate) |
|---|--|--|
| 1-diphosphonic acid, acetic acid or sulfuric acid or octanoic acid | | |
| L-Phenylalanine | 7th Schedule | GMP |
| Phylloquinone | 7th Schedule | GMP |
| Phytosterols, phytosterol esters (also known as plant stanols, plant stanol esters) | Regulations 247(2), 250A | * |
| Phytosterols, phytosterol esters (also known as plant sterols, plant sterol esters) | Regulations 91A(3), 247(2), 250A | * |
| Potassium acid tartrate | 8th Schedule | GMP |
| Potassium caseinate | 6th Schedule | GMP |
| Potassium glycerophosphate | 7th Schedule | GMP |
| Potassium iodide | Regulation 212, 7th Schedule | * Regulation 212 |
| 1,3-propanediol | Regulation 22 | GMP |
| Pyridoxal | 7th Schedule | GMP |
| Pyridoxamine | 7th Schedule | GMP |
| Pyridoxine | 7th Schedule | GMP |
| Pyridoxine hydrochloride | 7th Schedule | GMP |
| Retinol | 7th Schedule | GMP |
| Retinyl acetate (Vitamin A acetate) | 7th Schedule | GMP |
| Retinyl palmitate (Vitamin A palmitate) | 7th Schedule | GMP |
| Retinyl propionate (Vitamin A propionate) | 7th Schedule | GMP |
| Sodium salt of 3'-sialyllactose | Regulation 252(6)(k) | * |
| Sodium salt of 6'-sialyllactose | Regulation 252(6)(l) | * |

| Name of additive / ingredient as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Maximum level (mg/l or mg/kg as appropriate) |
|--|--|--|
| Sodium caseinate | Regulation 65(1), 6th Schedule | GMP |
| Sodium chloride | 7th Schedule | GMP |
| Sodium chloride, iodised | 7th Schedule | GMP |
| Sodium ferric pyrophosphate | 7th Schedule | GMP |
| Sodium ferrous citrate | 7th Schedule | GMP |
| Sodium hypochlorite | 17th Schedule | * |
| Sodium iodate | Regulation 212, 7th Schedule | * Regulation 212 |
| Sodium iodide | Regulation 212, 7th Schedule | * Regulation 212 |
| Sodium molybdate dihydrate | 7th Schedule | GMP |
| Sodium pantothenate | 7th Schedule | GMP |
| Sodium selenate | 7th Schedule | GMP |
| Sodium selenite | 7th Schedule | GMP |
| Soy leghemoglobin derived from genetically modified <i>Pichia pastoris</i> | Regulation 28(7) | * |
| Stearoyl-2-lactylic acid | 6th Schedule | GMP |
| Sulphurous acid | Regulations 19(2)(b)(i) & 146(b), 8th Schedule | * Regulations 19(2)(b)(i) & 146(b), |
| Thiamin hydrochloride | 7th Schedule | GMP |
| Thiamin mononitrate | 7th Schedule | GMP |
| L-theanine | Regulation 23(2)(e) & (f) | * |
| Threonine | 7th Schedule | GMP |
| Trehalose | 8th Schedule | GMP |
| Tryptophan | 7th Schedule | GMP |

| Name of additive / ingredient as listed in Food Regulations | Regulation / Schedule No. (under Food Regulations) | Maximum level (mg/l or mg/kg as appropriate |
|--|---|--|
| Valine | 7th Schedule | GMP |
| Vitamin A | Regulations 91(2)(a) & 252(3)(c), 7th Schedule | * Regulations 91(2)(a) & 252(3)(c) |
| Vitamin B1 (Thiamin) | Regulation 252(3)(f), 7th Schedule | * Regulation 252(3)(f) |
| Vitamin B12 | Regulation 252(3)(l), 7th Schedule | * Regulation 252(3)(l) |
| Vitamin B2 (Riboflavin) | Regulation 252(3)(g), 7th Schedule | * Regulation 252(3)(g) |
| Vitamin B6 | Regulation 252(3)(i), 7th Schedule | * Regulation 252(3)(i) |
| Vitamin C | Regulation 252(3)(e), 7th Schedule | * Regulation 252(3)(e) |
| Vitamin D | Regulations 91(2)(b) & 252(3)(d), 7th Schedule | * Regulations 91(2)(b) & 252(3)(d) |
| Vitamin E | Regulations 252(3)(o), 7th Schedule | * Regulations 252(3)(o) |
| Zinc chloride | 7th Schedule | GMP |
| Zinc citrate | 7th Schedule | GMP |
| Zinc gluconate | 7th Schedule | GMP |
| Zinc lactate | 7th Schedule | GMP |
| Zinc oxide | 7th Schedule | GMP |
| Zinc sulphate | 7th Schedule | GMP |

(C) Food Additives Permitted for Use in Infant Formula (Regulation 252)

Table 3: Food Additives Permitted for Use in Infant Formula (Regulation 252)

| INS Number | E Number | Food Additive Name |
|---------------------------------|---------------------------------|---|
| 412 | 412 | Guar gum |
| 410 | 410 | Carob bean gum (Locust bean gum) |
| 1412 | 1412 | Distarch phosphate |
| 1414 | 1414 | Acetylated distarch phosphate |
| 1413 | 1413 | Phosphated distarch phosphate |
| 1440 | 1440 | Hydroxypropyl starch |
| 407 | 407 | Carrageenan |
| 1450 | 1450 | Starch sodium octenyl succinate |
| 322(i) | 322(i) | Lecithin |
| 471 | 471 | Mono- and diglycerides |
| 472c | 472c | Citric and fatty acid esters of glycerol |
| 524 | 524 | Sodium hydroxide |
| 500(ii) | 500(ii) | Sodium hydrogen carbonate |
| 500(i) | 500(i) | Sodium carbonate |
| 525 | 525 | Potassium hydroxide |
| 501(ii) | 501(ii) | Potassium hydrogen carbonate |
| 501(i) | 501(i) | Potassium carbonate |
| 526 | 526 | Calcium hydroxide |
| 270 | 270 | L(+) lactic acid |
| 330 | 330 | Citric acid |
| 331(i) | 331(i) | Sodium dihydrogen citrate |
| 331(iii) | 331(iii) | Trisodium citrate |
| 332 | 332 | Potassium citrate |
| 339(i), 339(ii) and 339(iii) | 339(i), 339(ii) and 339(iii) | Sodium dihydrogen phosphate, disodium hydrogen phosphate and trisodium phosphate |
| 340(i), 340(ii) and 340(iii) | 340(i), 340(ii) and 340(iii) | Potassium dihydrogen phosphate, dipotassium hydrogen phosphate and tripotassium phosphate |
| 307b | 306 | Mixed tocopherol concentrate |
| 304(i) | 304(i) | Ascorbyl palmitate |
| 290 | 290 | Carbon dioxide |
| 941 | 941 | Nitrogen |

Revision history

1. 17 Aug 2018 – Added footnote for nisin (INS 234).
2. 17 Aug 2018 – Added entry for soy leghemoglobin derived from genetically modified *Pichia pastoris*.
3. 16 Jan 2019 – Added footnote for steviol glycosides (INS 960a).
4. 16 Jan 2019 – Added entry and footnote for monk fruit extract.
5. 1 Feb 2019 – Removed footnotes for nisin (INS 234), steviol glycosides (INS 960a), and monk fruit extract, as new provisions for these additives have been included in the Food Regulations via the Food (Amendment) Regulations 2019. Added in other new additives that were also included in the Food Regulations via the Food (Amendment) Regulations 2019.
6. 27 Feb 2019 - Added footnote for sorbic acid (and its sodium, potassium and calcium salts) (INS 200, 201, 202, 203).
7. 27 Feb 2019 – Added footnote for benzoic acid (and its sodium and potassium salts) (INS 210, 211, 212).
8. 13 Mar 2019 – Added entry for Rebaudioside M produced by enzymatic modification of Rebaudioside A extracted from Stevia leaf.
9. 21 Mar 2019 – Added footnote for rosemary extract (INS 392)
10. 29 Mar 2019 – Added entry and footnote for Alpha, alpha-trehalase (EC 3.2.1.28) produced from genetically modified *Trichoderma reesei* containing the alpha, alpha-trehalase gene from *Trichoderma reesei*.
11. 28 May 2019 - Edited entry for “Rebaudioside M produced by enzymatic modification of Rebaudioside A extracted from Stevia leaf” to read as “Rebaudioside M produced by enzymatic modification of Rebaudioside A extracted from Stevia leaf, using the enzymes UDP-glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13), produced by genetically modified strains of *Escherichia coli* K-12 W31”.
12. 16 July 2019 – Added entry for “Rebaudioside M produced by enzymatic conversion of purified Stevia leaf extract using the enzymes UDP-glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13), produced by genetically modified strains of *Pichia pastoris*”.
13. 26 Aug 2019 – Added entry for sorbitol syrup (INS 420(ii)).
14. 17 Sep 2019 – Added entry for lutein esters from *Tagetes erecta* (INS 161b(iii)).
15. 16 Oct 2019 – Added footnotes for acesulfame-K ((INS 950)) and sucralose (INS 955).
16. 1 Nov 2019 - Added footnote for ferrous bisglycinate (ferrous glycinate processed with citric acid).
17. 21 Jan 2020 – Added table on list of permitted additives for use in infant formula.
18. 5 May 2020 – Added entry for sodium polyacrylate (INS 1210).
19. 2 June 2020 – Added entry for “Rebaudioside D produced by enzymatic conversion of purified stevia leaf extract using the enzymes UDP-glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13), produced by genetically modified strains of *Pichia pastoris*”.
20. 2 June 2020 – Added entry for “Rebaudioside E produced by enzymatic conversion of purified stevia leaf extract using the enzymes UDP-glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13), produced by genetically modified strains of *Pichia pastoris*”.
21. 19 June 2020 – Added entry for “Sucrose oligoesters, type I and type II (INS 473a)”.
22. 14 July 2020– Added entry for “Rebaudioside AM produced by enzymatic conversion of stevioside extracted from stevia leaf using the enzymes UDP-glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13), produced by genetically modified strains of *Escherichia coli* K-12 W311”.

23. 1 Sep 2020 – (i) Removed footnotes for Lutein esters from *Tagetes erecta*, Sorbic acid (and its sodium, potassium and calcium salts), Benzoic acid (and its sodium and potassium salts), Rosemary extract, Sorbitol syrup, Acesulfame-K, Sucralose, Alpha, alpha-trehalase (EC 3.2.1.28) produced from genetically modified *Trichoderma reesei* containing the alpha, alpha-trehalase gene from *Trichoderma reesei*, Ferrous bisglycinate (ferrous glycinate processed with citric acid), Rebaudioside M produced by enzymatic conversion of purified Stevia leaf extract using the enzymes UDP-glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13), produced by genetically modified strains of *Pichia pastoris*, Soy leghemoglobin derived from genetically modified *Pichia pastoris*, as provisions for these additives have been included in the Food Regulations via the Food (Amendment No. 3) Regulations 2020. (ii) Consolidated new / revised food additive provisions (items 18 - 22 above) and a new entry for use of steviol glycosides in 9 additional food categories) in a new Section D.
24. 5 Nov 2020 – Added entries for (i) 2'-fucosyllactose/difucosyllactose mixture in infant formula, (ii) sorbates (INS 200 – 203) and benzoates (INS 210 – 212) in "Desserts, fruit based, milk and cream" and (iii) lacto-N-tetraose in infant formula in Section D; revised the preamble for Section D and presentation of information and inserted titles for tables in Sections A, B, C and D.
25. 8 Dec 2020 – Added entry for "Rebaudioside A from multiple gene donors expressed in *Yarrowia lipolytica*" which was included in the Food Regulations via the Food (Amendment No. 3) Regulations 2020.
26. 12 Jan 2021 – Added entry for sodium salts of 3'-sialyllactose (3'-SL) and 6'-sialyllactose (6'-SL) in Section D.
27. 18 Feb 2021 – Revised text for preamble and added Note (2) for Permitted flavouring agents.
28. 21 June 2021 - Added entry for L-theanine in Section D.
29. 30 June 2021 – Added entry for enzyme modified glucosylated steviol glycosides in Section D.
30. 1 October 2021 – Removed these entries from Section D, as provisions have been included in the Food Regulations via the Food (Amendment) Regulations 2021: (i) Sodium polyacrylate; (ii) Rebaudioside D produced by enzymatic conversion of purified stevia leaf extract using the enzymes UDP-glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13), produced by genetically modified strains of *Pichia pastoris*; (iii) Rebaudioside E produced by enzymatic conversion of purified stevia leaf extract using the enzymes UDP-glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13), produced by genetically modified strains of *Pichia pastoris*; (iv) Sucrose oligoesters, type I and type II; (v) Rebaudioside AM produced by enzymatic conversion of stevioside extracted from stevia leaf using the enzymes UDP-glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13), produced by genetically modified strains of *Escherichia coli* K-12 W311; (vi) Steviol glycosides in 9 new food categories; (vii) 2'-fucosyllactose / difucosyllactose (2'-FL/DFL) mixture; (viii) Sorbic acid and its sodium, potassium and calcium salts and Benzoic acid and its sodium and potassium salts; (ix) Lacto-N-tetraose (LNT).
31. 1 October 2021 – (a) Added these entries in Section A: (i) Sucrose oligoesters, type I and type II; (ii) Sodium polyacrylate; (b) Added these entries in Section B: (i) 2'-fucosyllactose / difucosyllactose (2'-FL/DFL) mixture; (ii) Lacto-N-tetraose (LNT); (iii) Rebaudioside D produced by enzymatic conversion of purified stevia leaf extract using the enzymes UDP-glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13), produced by genetically modified strains of *Pichia pastoris*; (iv) Rebaudioside E produced by enzymatic conversion of purified stevia leaf extract using the enzymes UDP-glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13), produced by genetically modified strains of *Pichia pastoris*; (v) Rebaudioside AM produced by enzymatic conversion of stevioside extracted from stevia leaf using

- the enzymes UDP-glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13), produced by genetically modified strains of *Escherichia coli* K-12 W311.
32. 14 January 2022 – Corrected an error in Section A, the INS numbers corresponding to “White mineral oils” should be INS 905d and INS 905e, and not INS 905a.
 33. 31 July 2022 – Added provisions for Pathogen Reduction Treatments that were included in a new Seventeenth Schedule via the Food (Amendment) Regulations 2022.
 34. 26 September 2022 – Added entry for 3-fucosyllactose (3-FL) in infant formula in Section D.
 35. 31 May 2024 – Made the following changes due to inclusion of provisions in the Food Regulations via the Food (Amendment) Regulations 2024: (a) Moved entries for 3-fucosyllactose, sodium salts of 3'-sialyllactose and 6'-sialyllactose from Section D to Section B; (b) Removed these entries from Section B: (i) Rebaudioside AM produced by enzymatic conversion of stevioside extracted from stevia leaf using the enzymes UDP-glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13), produced by genetically modified strains of *Escherichia coli* K-12 W311, (ii) Rebaudioside E produced by enzymatic conversion of purified stevia leaf extract using the enzymes UDP-glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13), produced by genetically modified strains of *Pichia pastoris*, (iii) Rebaudioside D produced by enzymatic conversion of purified stevia leaf extract using the enzymes UDP-glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13), produced by genetically modified strains of *Pichia pastoris*, (iv) Rebaudioside M produced by enzymatic modification of Rebaudioside A extracted from Stevia leaf, using the enzymes UDP-glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13), produced by genetically modified strains of *Escherichia coli* K-12 W31, (v) Rebaudioside M produced by enzymatic conversion of purified Stevia leaf extract using the enzymes UDP-glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13), produced by genetically modified strains of *Pichia pastoris*. (c) Amended/added these entries to Section A: (i) Steviol glycosides from *Stevia rebaudiana* Bertoni (steviol glycosides from Stevia), (ii) Steviol glycosides from fermentation, (iii) Enzymatically produced steviol glycosides (including steviol glycosides produced using the enzyme uridine triphosphate (UTP)-glucose-1-phosphate uridylyltransferase (EC 2.7.7.9) from the source organism *Bifidobacterium bifidum*, (iv) Glucosylated steviol glycosides. Removed entire Section D as provisions have been included in the Food Regulations via the Food (Amendment) Regulations 2024. Updated entry for L-theanine in Section B.