

CODEX ALIMENTARIUS

INTERNATIONAL FOOD STANDARDS



Food and Agriculture
Organization of
the United Nations



World Health
Organization

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CLASS NAMES AND THE INTERNATIONAL NUMBERING SYSTEM FOR FOOD ADDITIVES

CXG 36-1989

Adopted in 1989. Revised in 2008. Amended in 2018, 2019, 2021, 2023.

1. INTRODUCTION

BACKGROUND

The International Numbering System for Food Additives (INS)ⁱ is intended as a harmonized naming system for food additives as an alternative to the use of the specific name, which may be lengthy. Inclusion in the INS does not imply approval by Codex for use as food additives. The list may include those additives that have not been evaluated by the Joint FAO/WHO Expert Committee on Food Additives (JECFA) or are not included in the *General Standard for Food Additives* (CXS 192-1995).¹

The INS does not include flavourings,ⁱⁱ which have a JECFA number as identifier, chewing gum bases, and dietetic and nutritive additives. Enzymes which function as food additives have been included in an 1100 series.

EXPLANATORY NOTES ON THE LAYOUT OF THE INS

The INS in numerical order (Section 3) is set out in four columns giving the identification number, the name of the food additive, the functional classes and the technological purposes. The identification number usually consists of three or four digits such as 100 for curcumins and 1001 for choline salts and esters. However, in some instances the number is followed by an alphabetical suffix, for example, 150a identifies Caramel I – plain caramel and 150b identifies Caramel II – sulphite caramel. The alphabetical designations are included in order to further characterize the different classes of additives (e.g. caramel produced by different processes).

Under the column listing the name of the food additive, some additives are further subdivided by numerical subscripts. For example, curcumins are subdivided into (i) curcumin and (ii) turmeric. These identifications identify subclasses (in this case of curcumins) which are covered by separate Codex specifications.

The name of the food additive is sometimes followed by an additional name in parentheses. The parenthetical name is optional, and may be used, when necessary, to indicate another commonly associated name or synonym for the additive, for example INS 235 Natamycin (Pimaricin). Not all synonyms are listed. The name of an additive is sometimes, after a comma, followed by a description of the additive, for example INS 161h(i) Zeaxanthin, synthetic.

The various technological purposes of the food additives are included in the INS in a fourth column. The purposes listed are indicative rather than exhaustive. The technological purposes are grouped under more descriptive functional class titles which are intended to be meaningful to consumers. These are listed in Section 2 along with simple definitions of the function performed.

A single food additive can often be used for a range of technological purposes in a food, and it remains the responsibility of the manufacturer to declare the most descriptive functional class in the list of ingredients.

In preparing the INS in numerical order, an effort has been made to group food additives with similar purposes together. However, because of the extension of the list and its open nature, most of the three-digit numbers have already been allocated. Consequently, the positioning of a food additive in the list can no longer be taken as an indication of the purpose, although this will often be the case.

The food additives that have been allocated an ADI by JECFA, may be found at: http://www.fao.org/ag/agn/agns/jecfa_index_en.asp and <http://www.who.int/ipcs/food/jecfa/en/>

JECFA specifications adopted by the Codex Alimentarius Commission are listed in CAC/MISC 6 “Codex Specifications for Food Additives” that can be found on the Codex website at: [CAC/MISC 6](#).

THE OPEN NATURE OF THE LIST

Because of its primary purpose of identification, the INS is an open list subject to the inclusion of additional additives or removal of existing ones on an ongoing basis.

ⁱ Sections 3 and 4 of the International Numbering System for Food Additives are regularly updated.

ⁱⁱ Flavourings are covered by the *Guidelines for the use of flavourings* (CXG 66-2008).

2. TABLE OF FUNCTIONAL CLASSES, DEFINITIONS AND TECHNOLOGICAL PURPOSES

FUNCTIONAL CLASSES	DEFINITION	TECHNOLOGICAL PURPOSE
1. Acidity regulator	A food additive, which controls the acidity or alkalinity of a food.	acidity regulator, acid, acidifier, alkali, base, buffer, buffering agent, pH adjusting agent
2. Anticaking agent	A food additive, which reduces the tendency of components of food to adhere to one another.	anticaking agent, anti-stick agent, drying agent, dusting agent
3. Antifoaming agent	A food additive, which prevents or reduces foaming.	antifoaming agent, defoaming agent
4. Antioxidant	A food additive, which prolongs the shelf-life of foods by protecting against deterioration caused by oxidation.	antioxidant, antioxidant synergist, antibrowning agent
5. Bleaching agent	A food additive (non-flour use) used to decolourize food. Bleaching agents do not include pigments.	bleaching agent
6. Bulking agent	A food additive, which contributes to the bulk of a food without contributing significantly to its available energy value.	bulking agent, filler
7. Carbonating agent	A food additive used to provide carbonation in a food.	carbonating agent
8. Carrier	A food additive used to dissolve, dilute, disperse or otherwise physically modify a food additive or nutrient without altering its function (and without exerting any technological effect itself) in order to facilitate its handling, application or use of the food additive or nutrient.	carrier, carrier solvent, nutrient carrier, diluent for other food additives, encapsulating agent
9. Colour	A food additive, which adds or restores colour in a food.	colour, decorative pigment, surface colourant
10. Colour retention agent	A food additive, which stabilizes, retains or intensifies the colour of a food.	colour retention agent, colour fixative, colour stabilizer, colour adjunct
11. Emulsifier	A food additive, which forms or maintains a uniform emulsion of two or more phases in a food.	emulsifier, plasticizer, dispersing agent, surface active agent, crystallization inhibitor, density adjustment agent (flavouring oils in beverages), suspension agent, clouding agent
12. Emulsifying salt	A food additive, which, in the manufacture of processed food, rearranges proteins in order to prevent fat separation.	emulsifying salt, emulsifying salt synergist, melding salt
13. Firming agent	A food additive, which makes or keeps tissues of fruit or vegetables firm and crisp or interacts with gelling agents to produce or strengthen a gel.	firming agent

FUNCTIONAL CLASSES	DEFINITION	TECHNOLOGICAL PURPOSE
14. Flavour enhancer	A food additive, which enhances the existing taste and/or odour of a food.	flavour enhancer, flavour synergist
15. Flour treatment agent	A food additive, which is added to flour or dough to improve its baking quality or colour.	flour treatment agent, flour bleaching agent, flour improver, dough conditioner, dough strengthening agent
16. Foaming agent	A food additive, which makes it possible to form or maintain a uniform dispersion of a gaseous phase in a liquid or solid food.	foaming agent, whipping agent, aerating agent
17. Gelling agent	A food additive, which gives a food texture through formation of a gel.	gelling agent
18. Glazing agent	A food additive, which when applied to the external surface of a food, imparts a shiny appearance or provides a protective coating.	glazing agent, sealing agent, coating agent, surface-finishing agent, polishing agent, film-forming agent
19. Humectant	A food additive, which prevents food from drying out by counteracting the effect of a dry atmosphere.	humectant, moisture-retention agent, wetting agent
20. Packaging gas	A food additive gas, which is introduced into a container before, during or after filling with food with the intention to protect the food, for example, from oxidation or spoilage.	packaging gas
21. Preservative	A food additive, which prolongs the shelf-life of a food by protecting against deterioration caused by microorganisms.	preservative, antimicrobial preservative, antimycotic agent, bacteriophage control agent, fungistatic agent, antimould and antirope agent, antimicrobial synergist
22. Propellant	A food additive gas, which expels a food from a container.	propellant
23. Raising agent	A food additive or a combination of food additives, which liberate(s) gas and thereby increase(s) the volume of a dough or batter.	raising agent
24. Sequestrant	A food additive, which controls the availability of a cation.	sequestrant
25. Stabilizer	A food additive, which makes it possible to maintain a uniform dispersion of two or more components.	stabilizer, foam stabilizer, colloidal stabilizer, emulsion stabilizer, stabilizer synergist, binder
26. Sweetener	A food additive (other than a mono- or disaccharide sugar), which imparts a sweet taste to a food.	sweetener, intense sweetener, bulk sweetener
27. Thickener	A food additive, which increases the viscosity of a food.	thickener, bodying agent, binder, texturizing agent, thickener synergist

3. INTERNATIONAL NUMBERING SYSTEM FOR FOOD ADDITIVES

List in numerical order

INS No.	Name of food additive	Functional class	Technological purpose
100	Curcumins		
100(i)	Curcumin	Colour	<i>colour</i>
100(ii)	Turmeric	Colour	<i>colour</i>
101	Riboflavins		
101(i)	Riboflavin, synthetic	Colour	<i>colour</i>
101(ii)	Riboflavin 5'-phosphate sodium	Colour	<i>colour</i>
101(iii)	Riboflavin from <i>Bacillus subtilis</i>	Colour	<i>colour</i>
101(iv)	Riboflavin from <i>Ashbya gossypii</i>	Colour	<i>colour</i>
102	Tartrazine	Colour	<i>colour</i>
103	Alkanet	Colour	<i>colour</i>
104	Quinoline yellow	Colour	<i>colour</i>
105	Carthamus yellow	Colour	<i>colour</i>
107	Yellow 2G	Colour	<i>colour</i>
110	Sunset yellow FCF	Colour	<i>colour</i>
120	Carmines	Colour	<i>colour</i>
121	Citrus red No. 2	Colour	<i>colour</i>
122	Azorubine (Carmoisine)	Colour	<i>colour</i>
123	Amaranth	Colour	<i>colour</i>
124	Ponceau 4R (Cochineal red A)	Colour	<i>colour</i>
125	Ponceau SX	Colour	<i>colour</i>
127	Erythrosine	Colour	<i>colour</i>
129	Allura red AC	Colour	<i>colour</i>
130	Manascorubin	Colour	<i>colour</i>
131	Patent blue V	Colour	<i>colour</i>
132	Indigotine (Indigo carmine)	Colour	<i>colour</i>
133	Brilliant blue FCF	Colour	<i>colour</i>
134	Spirulina extract	Colour	<i>colour</i>
140	Chlorophylls	Colour	<i>colour</i>
141	Chlorophylls and chlorophyllins, copper complexes		
141(i)	Chlorophylls, copper complexes	Colour	<i>colour</i>
141(ii)	Chlorophyllins, copper complexes, potassium and sodium salts	Colour	<i>colour</i>
142	Green S	Colour	<i>colour</i>

INS No.	Name of food additive	Functional class	Technological purpose
143	Fast Green FCF	Colour	<i>colour</i>
150	Caramels		
150a	Caramel I – plain caramel	Colour	<i>colour</i>
150b	Caramel II – sulphite caramel	Colour	<i>colour</i>
150c	Caramel III – ammonia caramel	Colour	<i>colour</i>
150d	Caramel IV – sulphite ammonia caramel	Colour	<i>colour</i>
151	Brilliant black (Black PN)	Colour	<i>colour</i>
152	Carbon black (hydrocarbon)	Colour	<i>colour</i>
153	Vegetable carbon	Colour	<i>colour</i>
154	Brown FK	Colour	<i>colour</i>
155	Brown HT	Colour	<i>colour</i>
160a	Carotenes		
160a(i)	Carotenes, <i>beta</i> -, synthetic	Colour	<i>colour</i>
160a(ii)	Carotenes, <i>beta</i> -, vegetable	Colour	<i>colour</i>
160a(iii)	Carotenes, <i>beta</i> -, <i>Blakeslea trispora</i>	Colour	<i>colour</i>
160a(iv)	β -carotene-rich extract from <i>Dunaliella salina</i>	Colour	<i>colour</i>
160b	Annatto extracts		
160b(i)	Annatto extracts, bixin-based	Colour	<i>colour</i>
160b(ii)	Annatto extracts, norbixin-based	Colour	<i>colour</i>
160c(i)	Paprika oleoresin	Colour	<i>colour</i>
160c(ii)	Paprika extract	Colour	<i>colour</i>
160d	Lycopenes		
160d(i)	Lycopene, synthetic	Colour	<i>colour</i>
160d(ii)	Lycopene, tomato	Colour	<i>colour</i>
160d(iii)	Lycopene, <i>Blakeslea trispora</i>	Colour	<i>colour</i>
160e	Carotenal, <i>beta</i> -apo-8'-	Colour	<i>colour</i>
160f	Carotenoic acid, ethyl ester, <i>beta</i> -apo-8'-	Colour	<i>colour</i>
161a	Flavoxanthin	Colour	<i>colour</i>
161b	Luteins		
161b(i)	Lutein from <i>Tagetes erecta</i>	Colour	<i>colour</i>
161b(ii)	Tagetes extract	Colour	<i>colour</i>
161b(iii)	Lutein esters from <i>Tagetes erecta</i>	Colour	<i>colour</i>
161c	Kryptoxanthin	Colour	<i>colour</i>
161d	Rubixanthin	Colour	<i>colour</i>

INS No.	Name of food additive	Functional class	Technological purpose
161e	Violoxanthin	Colour	<i>colour</i>
161f	Rhodoxanthin	Colour	<i>colour</i>
161g	Canthaxanthin	Colour	<i>colour</i>
161h	Zeaxanthins		
161h(i)	Zeaxanthin, synthetic	Colour	<i>colour</i>
161h(ii)	Zeaxanthin-rich extract from <i>Tagetes erecta</i>	Colour	<i>colour</i>
162	Beet red	Colour	<i>colour</i>
163	Anthocyanins		
163(ii)	Grape skin extract	Colour	<i>colour</i>
163(iii)	Blackcurrant extract	Colour	<i>colour</i>
163(iv)	Purple corn colour	Colour	<i>colour</i>
163(v)	Red cabbage colour	Colour	<i>colour</i>
163 (vi)	Black carrot extract	Colour	<i>colour</i>
163(vii)	Purple sweet potato colour	Colour	<i>colour</i>
163(viii)	Red radish colour	Colour	<i>colour</i>
163(ix)	Elderberry colour	Colour	<i>colour</i>
163(x)	Hibiscus colour	Colour	<i>colour</i>
163(xi)	Butterfly pea flower extract	Colour	<i>colour</i>
164	Gardenia yellow	Colour	<i>colour</i>
165	Gardenia blue	Colour	<i>colour</i>
166	Sandalwood	Colour	<i>colour</i>
170	Calcium carbonates		
		Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>
170(i)	Calcium carbonate	Colour	<i>surface colourant</i>
		Firming agent	<i>firming agent</i>
		Flour treatment agent	<i>dough conditioner</i>
		Stabilizer	<i>stabilizer</i>
		Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>
170(ii)	Calcium hydrogen carbonate	Colour	<i>surface colourant</i>
		Firming agent	<i>firming agent</i>
		Flour treatment agent	<i>dough conditioner</i>
		Stabilizer	<i>stabilizer</i>
171	Titanium dioxide	Colour	<i>colour</i>

INS No.	Name of food additive	Functional class	Technological purpose
172	Iron oxides		
172(i)	Iron oxide, black	Colour	<i>colour</i>
172(ii)	Iron oxide, red	Colour	<i>colour</i>
172(iii)	Iron oxide, yellow	Colour	<i>colour</i>
173	Aluminium powder	Colour	<i>colour</i> <i>surface colourant</i>
174	Silver	Colour	<i>colour</i>
175	Gold, metallic	Colour	<i>colour</i>
176	Potassium aluminium silicate-based pearlescent pigments (PAS-BPP)		
176 (i)	Potassium aluminium silicate-based pearlescent pigments coated with titanium dioxide, Type I	Colour	<i>colour</i>
176 (ii)	Potassium aluminium silicate-based pearlescent pigments coated with iron oxide, Type II	Colour	<i>colour</i>
176 (iii)	Potassium aluminium silicate-based pearlescent pigments coated with titanium dioxide and iron oxide, Type III	Colour	<i>colour</i>
180	Lithol rubine BK	Colour	<i>colour</i>
181	Tannic acid (Tannins)	Colour Emulsifier Stabilizer Thickener	<i>colour</i> <i>emulsifier</i> <i>stabilizer</i> <i>thickener</i>
182	Orchil	Colour	<i>colour</i>
183	Jagua (genipin-glycine) blue	Colour	<i>colour</i>
200	Sorbic acid	Preservative	<i>preservative</i>
201	Sodium sorbate	Preservative	<i>preservative</i>
202	Potassium sorbate	Preservative	<i>preservative</i>
203	Calcium sorbate	Preservative	<i>preservative</i>
209	Heptyl para-hydroxybenzoate	Preservative	<i>preservative</i>
210	Benzoic acid	Preservative	<i>preservative</i>
211	Sodium benzoate	Preservative	<i>preservative</i>
212	Potassium benzoate	Preservative	<i>preservative</i>
213	Calcium benzoate	Preservative	<i>preservative</i>
214	Ethyl para-hydroxybenzoate	Preservative	<i>preservative</i>
215	Sodium ethyl para-hydroxybenzoate	Preservative	<i>preservative</i>
216	Propyl para-hydroxybenzoate	Preservative	<i>preservative</i>

INS No.	Name of food additive	Functional class	Technological purpose
217	Sodium propyl para-hydroxybenzoate	Preservative	<i>preservative</i>
218	Methyl para-hydroxybenzoate	Preservative	<i>preservative</i>
219	Sodium methyl para-hydroxybenzoate	Preservative	<i>preservative</i>
220	Sulphur dioxide	Antioxidant	<i>antioxidant</i>
		Bleaching agent	<i>bleaching agent</i>
		Flour treatment agent	<i>flour treatment agent</i>
		Preservative	<i>preservative</i>
		Antioxidant	<i>antioxidant</i>
221	Sodium sulphite	Bleaching agent	<i>bleaching agent</i>
		Flour treatment agent	<i>flour treatment agent</i>
		Preservative	<i>preservative</i>
222	Sodium hydrogen sulphite	Antioxidant	<i>antioxidant</i>
		Preservative	<i>preservative</i>
		Antioxidant	<i>antioxidant</i>
223	Sodium metabisulphite	Bleaching agent	<i>bleaching agent</i>
		Flour treatment agent	<i>flour treatment agent</i>
		Preservative	<i>preservative</i>
224	Potassium metabisulphite	Antioxidant	<i>antioxidant</i>
		Bleaching agent	<i>bleaching agent</i>
		Flour treatment agent	<i>flour treatment agent</i>
		Preservative	<i>preservative</i>
225	Potassium sulphite	Antioxidant	<i>antioxidant</i>
		Preservative	<i>preservative</i>
226	Calcium sulphite	Antioxidant	<i>antioxidant</i>
		Preservative	<i>preservative</i>
227	Calcium hydrogen sulphite	Antioxidant	<i>antioxidant</i>
		Preservative	<i>preservative</i>
228	Potassium bisulphite	Antioxidant	<i>antioxidant</i>
		Preservative	<i>preservative</i>
230	Diphenyl	Preservative	<i>preservative</i>
231	Ortho-phenylphenol	Preservative	<i>preservative</i>
232	Sodium ortho-phenylphenol	Preservative	<i>preservative</i>
233	Thiabendazole	Preservative	<i>preservative</i>
234	Nisin	Preservative	<i>preservative</i>
235	Natamycin (Pimaricin)	Preservative	<i>preservative</i>
236	Formic acid	Preservative	<i>preservative</i>
237	Sodium formate	Preservative	<i>preservative</i>

INS No.	Name of food additive	Functional class	Technological purpose
238	Calcium formate	Preservative	<i>preservative</i>
239	Hexamethylene tetramine	Preservative	<i>preservative</i>
240	Formaldehyde	Preservative	<i>preservative</i>
241	Gum guaiacum	Preservative	<i>preservative</i>
242	Dimethyl dicarbonate	Preservative	<i>preservative</i>
243	Lauric arginate ethyl ester	Preservative	<i>antimicrobial preservative</i> <i>preservative</i>
249	Potassium nitrite	Colour retention agent	<i>colour fixative</i>
		Preservative	<i>preservative</i>
250	Sodium nitrite	Colour retention agent	<i>colour fixative</i>
		Preservative	<i>preservative</i>
251	Sodium nitrate	Colour retention agent	<i>colour fixative</i>
		Preservative	<i>preservative</i>
252	Potassium nitrate	Colour retention agent	<i>colour fixative</i>
		Preservative	<i>preservative</i>
260	Acetic acid, glacial	Acidity regulator	<i>acidity regulator</i>
		Preservative	<i>preservative</i>
261	Potassium acetates		
261(i)	Potassium acetate	Acidity regulator	<i>acidity regulator</i>
		Preservative	<i>preservative</i>
261(ii)	Potassium diacetate	Acidity regulator	<i>acidity regulator</i>
		Preservative	<i>preservative</i>
262	Sodium acetates		
262(i)	Sodium acetate	Acidity regulator	<i>acidity regulator</i>
		Preservative	<i>preservative</i>
		Sequestrant	<i>sequestrant</i>
262(ii)	Sodium diacetate	Acidity regulator	<i>acidity regulator</i>
		Preservative	<i>preservative</i>
		Sequestrant	<i>sequestrant</i>
263	Calcium acetate	Acidity regulator	<i>acidity regulator</i>
		Preservative	<i>preservative</i>
		Stabilizer	<i>stabilizer</i>
264	Ammonium acetate	Acidity regulator	<i>acidity regulator</i>
265	Dehydroacetic acid	Preservative	<i>preservative</i>
266	Sodium dehydroacetate	Preservative	<i>preservative</i>
270	Lactic acid, L-, D- and DL-	Acidity regulator	<i>acidity regulator</i>

INS No.	Name of food additive	Functional class	Technological purpose
280	Propionic acid	Preservative	<i>preservative</i>
281	Sodium propionate	Preservative	<i>preservative</i>
282	Calcium propionate	Preservative	<i>preservative</i>
283	Potassium propionate	Preservative	<i>preservative</i>
290	Carbon dioxide	Carbonating agent	<i>carbonating agent</i>
		Foaming agent	<i>foaming agent</i>
		Packaging gas	<i>packaging gas</i>
		Preservative	<i>preservative</i>
		Propellant	<i>propellant</i>
296	Malic acid, DL-	Acidity regulator	<i>acidity regulator</i>
		Sequestrant	<i>sequestrant</i>
297	Fumaric acid	Acidity regulator	<i>acidity regulator</i>
		Acidity regulator	<i>acidity regulator</i>
300	Ascorbic acid, L-	Antioxidant	<i>antioxidant</i>
		Flour treatment agent	<i>flour treatment agent</i>
		Sequestrant	<i>sequestrant</i>
		Antioxidant	<i>antioxidant</i>
301	Sodium ascorbate	Flour treatment agent	<i>flour treatment agent</i>
		Antioxidant	<i>antioxidant</i>
302	Calcium ascorbate	Antioxidant	<i>antioxidant</i>
303	Potassium ascorbate	Antioxidant	<i>antioxidant</i>
304	Ascorbyl palmitate	Antioxidant	<i>antioxidant</i>
305	Ascorbyl stearate	Antioxidant	<i>antioxidant</i>
307	Tocopherols		
307a	Tocopherol, d- <i>alpha</i> -	Antioxidant	<i>antioxidant</i>
307b	Tocopherol concentrate, mixed	Antioxidant	<i>antioxidant</i>
307c	Tocopherol, dl- <i>alpha</i> -	Antioxidant	<i>antioxidant</i>
308	Tocopherol, <i>gamma</i> -, synthetic	Antioxidant	<i>antioxidant</i>
309	Tocopherol, <i>delta</i> -, synthetic	Antioxidant	<i>antioxidant</i>
310	Propyl gallate	Antioxidant	<i>antioxidant</i>
311	Octyl gallate	Antioxidant	<i>antioxidant</i>
312	Dodecyl gallate	Antioxidant	<i>antioxidant</i>
313	Ethyl gallate	Antioxidant	<i>antioxidant</i>
314	Guaiac resin	Antioxidant	<i>antioxidant</i>
315	Erythorbic acid (Isoascorbic acid)	Antioxidant	<i>antioxidant</i>
316	Sodium erythorbate (Sodium isoascorbate)	Antioxidant	<i>antioxidant</i>

INS No.	Name of food additive	Functional class	Technological purpose
317	Potassium isoascorbate	Antioxidant	<i>antioxidant</i>
318	Calcium isoascorbate	Antioxidant	<i>antioxidant</i>
319	Tertiary butylhydroquinone	Antioxidant	<i>antioxidant</i>
320	Butylated hydroxyanisole	Antioxidant	<i>antioxidant</i>
321	Butylated hydroxytoluene	Antioxidant	<i>antioxidant</i>
322	Lecithins		
			<i>antioxidant</i>
322(i)	Lecithin	Antioxidant	<i>antioxidant synergist</i>
		Emulsifier	<i>emulsifier</i>
		Flour treatment agent	<i>flour treatment agent</i>
322(ii)	Lecithin, partially hydrolysed	Antioxidant	<i>antioxidant</i>
		Emulsifier	<i>emulsifier</i>
322(iii)	Lecithin, hydroxylated	Antioxidant	<i>antioxidant</i>
		Emulsifier	<i>emulsifier</i>
323	Anoxomer	Antioxidant	<i>antioxidant</i>
324	Ethoxyquin	Antioxidant	<i>antioxidant</i>
		Acidity regulator	<i>acidity regulator</i>
		Antioxidant	<i>antioxidant synergist</i>
		Bulking agent	<i>bulking agent</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
325	Sodium lactate	Humectant	<i>humectant</i>
		Thickener	<i>bodying agent</i>
		Acidity regulator	<i>acidity regulator</i>
		Antioxidant	<i>antioxidant synergist</i>
		Emulsifier	<i>emulsifier</i>
326	Potassium lactate	Humectant	<i>humectants</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Acidity regulator	<i>acidity regulator</i>
327	Calcium lactate	Emulsifying salt	<i>emulsifying salt</i>
		Firming agent	<i>firming agent</i>
		Flour treatment agent	<i>flour treatment agent</i>
		Thickener	<i>thickener</i>
328	Ammonium lactate	Acidity regulator	<i>acidity regulator</i>
		Flour treatment agent	<i>flour treatment agent</i>
329	Magnesium lactate, DL-	Acidity regulator	<i>acidity regulator</i>
		Flour treatment agent	<i>flour treatment agent</i>

INS No.	Name of food additive	Functional class	Technological purpose
330	Citric acid	Acidity regulator	<i>acidity regulator</i>
		Antioxidant	<i>antioxidant</i>
		Colour retention agent	<i>colour retention agent</i>
		Sequestrant	<i>sequestrant</i>
331	Sodium citrates		
331(i)	Sodium dihydrogen citrate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Sequestrant	<i>sequestrant</i>
331(ii)	Disodium monohydrogen citrate	Stabilizer	<i>stabilizer</i>
		Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
331(iii)	Trisodium citrate	Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Acidity regulator	<i>acidity regulator</i>
332	Potassium citrates		
332(i)	Potassium dihydrogen citrate	Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
332(ii)	Tripotassium citrate	Acidity regulator	<i>acidity regulator</i>
		Antioxidant	<i>antioxidant synergist</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Sequestrant	<i>sequestrant</i>
333	Calcium citrates	Stabilizer	<i>stabilizer</i>
		Acidity regulator	<i>acidity regulator</i>
		Firming agent	<i>firming agent</i>
		Emulsifying salt	<i>emulsifying salt</i>
333(i)	Monocalcium citrate	Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>

INS No.	Name of food additive	Functional class	Technological purpose
333(ii)	Dicalcium citrate	Acidity regulator	<i>acidity regulator</i>
		Firming agent	<i>firming agent</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
333(iii)	Tricalcium citrate	Acidity regulator	<i>acidity regulator</i>
		Antioxidant	<i>antioxidant synergist</i>
		Firming agent	<i>firming agent</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Sequestrant	<i>sequestrant</i>
334	Tartaric acid, L(+)-	Stabilizer	<i>stabilizer</i>
		Acidity regulator	<i>acidity regulator</i>
		Antioxidant	<i>antioxidant synergist</i>
		Flavour enhancer	<i>flavour synergist</i>
335	Sodium tartrates		
335 (i)	Monosodium tartrate	Sequestrant	<i>sequestrant</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Acidity regulator	<i>acidity regulator</i>
		Stabilizer	<i>stabilizer</i>
335(ii)	Sodium L(+)-tartrate	Stabilizer	<i>stabilizer</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Acidity regulator	<i>acidity regulator</i>
		Sequestrant	<i>sequestrant</i>
336	Potassium tartrates		
336(i)	Monopotassium tartrate	Stabilizer	<i>stabilizer</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Acidity regulator	<i>acidity regulator</i>
		Sequestrant	<i>sequestrant</i>
336(ii)	Dipotassium tartrate	Stabilizer	<i>stabilizer</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Acidity regulator	<i>acidity regulator</i>
		Sequestrant	<i>sequestrant</i>
337	Potassium sodium L(+)-tartrate	Stabilizer	<i>stabilizer</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Acidity regulator	<i>acidity regulator</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Stabilizer	<i>stabilizer</i>
		Acidity regulator	<i>acidity regulator</i>
338	Phosphoric acid	Antioxidant	<i>antioxidant synergist</i>
		Sequestrant	<i>sequestrant</i>
339	Sodium phosphates		
		Acidity regulator	<i>acidity regulator</i> <i>buffer</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
339(i)	Sodium dihydrogen phosphate	Humectant	<i>humectant</i> <i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
		Acidity regulator	<i>acidity regulator</i> <i>buffer</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
339(ii)	Disodium hydrogen phosphate	Humectant	<i>humectant</i> <i>moisture-retention agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
		Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
339(iii)	Trisodium phosphate	Humectant	<i>humectant</i> <i>moisture-retention agent</i>
		Preservative	<i>antimicrobial synergist</i>
		Stabilizer	<i>stabilizer</i>
		Sequestrant	<i>sequestrant</i>
		Thickener	<i>texturizing agent</i>
340	Potassium phosphates		
		Acidity regulator	<i>acidity regulator</i> <i>buffer</i>
340(i)	Potassium dihydrogen phosphate	Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Humectant	<i>humectant</i> <i>moisture-retention agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
		Acidity regulator	<i>acidity regulator</i> <i>buffer</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
340(ii)	Dipotassium hydrogen phosphate	Humectant	<i>humectant</i> <i>moisture-retention agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
		Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
340(iii)	Tripotassium phosphate	Humectant	<i>humectant</i> <i>moisture-retention agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
341	Calcium phosphates		
		Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Firming agent	<i>firming agent</i>
		Flour treatment agent	<i>dough conditioner</i> <i>flour treatment agent</i>
341(i)	Calcium dihydrogen phosphate	Humectant	<i>humectant</i> <i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
		Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>
341(ii)	Calcium hydrogen phosphate	Emulsifying salt	<i>emulsifying salt</i>
		Firming agent	<i>firming agent</i>
		Flour treatment agent	<i>dough conditioner</i>

INS No.	Name of food additive	Functional class	Technological purpose
			<i>flour treatment agent</i>
		Humectant	<i>humectant</i> <i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
		Acidity regulator	<i>acidity regulator</i> <i>buffer</i>
		Anticaking agent	<i>anticaking agent</i>
		Emulsifier	<i>clouding agent</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Firming agent	<i>firming agent</i>
341(iii)	Tricalcium phosphate	Flour treatment agent	<i>flour treatment agent</i>
		Humectant	<i>humectant</i> <i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
342	Ammonium phosphates		
		Acidity regulator	<i>acidity regulator</i>
		Flour treatment agent	<i>flour treatment agent</i>
342(i)	Ammonium dihydrogen phosphate	Raising agent	<i>raising agent</i>
		Thickener	<i>thickener</i>
		Stabilizer	<i>stabilizer</i>
		Acidity regulator	<i>acidity regulator</i>
		Flour treatment agent	<i>flour treatment agent</i>
342(ii)	Diammonium hydrogen phosphate	Raising agent	<i>raising agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
343	Magnesium phosphates		
		Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>
343(i)	Magnesium dihydrogen phosphate	Emulsifying salt	<i>emulsifying salt</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
		Acidity regulator	<i>acidity regulator</i>
343(ii)	Magnesium hydrogen phosphate	Anticaking agent	<i>anticaking agent</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Emulsifying salt	<i>emulsifying salt</i>
		Raising agent	<i>raising agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
343(iii)	Trimagnesium phosphate	Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
344	Lecithin citrate	Preservative	<i>preservative</i>
345	Magnesium citrate	Acidity regulator	<i>acidity regulator</i>
349	Ammonium malate	Acidity regulator	<i>acidity regulator</i>
350	Sodium malates		
350(i)	Sodium hydrogen DL-malate	Acidity regulator	<i>acidity regulator</i>
		Humectant	<i>humectant</i>
350(ii)	Sodium DL-malate	Acidity regulator	<i>acidity regulator</i>
		Humectant	<i>humectant</i>
351	Potassium malates		
351(i)	Potassium hydrogen malate	Acidity regulator	<i>acidity regulator</i>
351(ii)	Potassium malate	Acidity regulator	<i>acidity regulator</i>
352	Calcium malates		
352(i)	Calcium hydrogen malate	Acidity regulator	<i>acidity regulator</i>
352(ii)	Calcium malate, D,L-	Acidity regulator	<i>acidity regulator</i>
		Acidity regulator	<i>acidity regulator</i>
353	Metatartaric acid	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
354	Calcium tartrate, DL-	Acidity regulator	<i>acidity regulator</i>
355	Adipic acid	Acidity regulator	<i>acidity regulator</i>
356	Sodium adipates	Acidity regulator	<i>acidity regulator</i>
357	Potassium adipates	Acidity regulator	<i>acidity regulator</i>
359	Ammonium adipates	Acidity regulator	<i>acidity regulator</i>
363	Succinic acid	Acidity regulator	<i>acidity regulator</i>
364	Sodium succinates		
364(i)	Monosodium succinate	Acidity regulator	<i>acidity regulator</i>
		Flavour enhancer	<i>flavour enhancer</i>
364(ii)	Disodium succinate	Acidity regulator	<i>acidity regulator</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Flavour enhancer	<i>flavour enhancer</i>
365	Sodium fumarates	Acidity regulator	<i>acidity regulator</i>
366	Potassium fumarates	Acidity regulator	<i>acidity regulator</i>
367	Calcium fumarates	Acidity regulator	<i>acidity regulator</i>
368	Ammonium fumarate	Acidity regulator	<i>acidity regulator</i>
370	Heptonolactone, 1,4-	Acidity regulator	<i>acidity regulator</i>
		Sequestrant	<i>sequestrant</i>
375	Nicotinic acid	Colour retention agent	<i>colour retention agent</i>
380	Triammonium citrate	Acidity regulator	<i>acidity regulator</i>
381	Ferric ammonium citrate	Anticaking agent	<i>anticaking agent</i>
383	Calcium glycerophosphate	Gelling agent	<i>gelling agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
384	Isopropyl citrates	Antioxidant	<i>antioxidant</i>
		Preservative	<i>preservative</i>
		Sequestrant	<i>sequestrant</i>
385	Calcium disodium ethylenediaminetetraacetate	Antioxidant	<i>antioxidant</i>
		Colour retention agent	<i>Colour-retention agent</i>
		Preservative	<i>preservative</i>
386	Disodium ethylenediaminetetraacetate	Sequestrant	<i>sequestrant</i>
		Antioxidant	<i>antioxidant</i>
		Colour retention agent	<i>colour stabilizer</i>
		Preservative	<i>preservative</i>
387	Oxystearin	Sequestrant	<i>sequestrant</i>
		Antioxidant	<i>antioxidant</i>
		Antioxidant	<i>antioxidant</i>
388	Thiodipropionic acid	Antioxidant	<i>antioxidant</i>
389	Dilauryl thiodipropionate	Antioxidant	<i>antioxidant</i>
390	Distearyl thiodipropionate	Antioxidant	<i>antioxidant</i>
391	Phytic acid	Preservative	<i>preservative</i>
392	Rosemary extract	Antioxidant	<i>antioxidant</i>
399	Calcium lactobionate	Stabilizer	<i>stabilizer</i>
400	Alginic acid	Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>foaming agent</i>
		Gelling agent	<i>gelling agent</i>
		Glazing agent	<i>glazing agent</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Humectant	<i>humectant</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
401	Sodium alginate	Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>foaming agent</i>
		Gelling agent	<i>gelling agent</i>
		Glazing agent	<i>glazing agent</i>
		Humectant	<i>humectant</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
402	Potassium alginate	Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>foaming agent</i>
		Gelling agent	<i>gelling agent</i>
		Glazing agent	<i>glazing agent</i>
		Humectant	<i>humectant</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
403	Ammonium alginate	Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>foaming agent</i>
		Gelling agent	<i>gelling agent</i>
		Glazing agent	<i>glazing agent</i>
		Humectant	<i>humectant</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
404	Calcium alginate	Antifoaming agent	<i>antifoaming agent</i>
		Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Foaming agent	<i>foaming agent</i>
		Gelling agent	<i>gelling agent</i>
		Glazing agent	<i>glazing agent</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Humectant	<i>humectant</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
405	Propylene glycol alginate	Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>foaming agent</i>
		Gelling agent	<i>gelling agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
406	Agar	Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Glazing agent	<i>coating agent</i> <i>glazing agent</i>
		Gelling agent	<i>gelling agent</i>
		Humectant	<i>humectant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
407	Carrageenan	Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Gelling agent	<i>gelling agent</i>
		Glazing agent	<i>coating agent</i> <i>glazing agent</i>
		Humectant	<i>humectant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
407a	Processed eucheama seaweed (PES)	Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Gelling agent	<i>gelling agent</i>
		Glazing agent	<i>coating agent</i> <i>glazing agent</i>
		Humectant	<i>humectant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>

INS No.	Name of food additive	Functional class	Technological purpose
408	Baker's yeast glycan	Gelling agent	<i>gelling agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
409	Arabinogalactan	Gelling agent	<i>gelling agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
410	Carob bean gum	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
411	Oat gum	Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
412	Guar gum	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
413	Tragacanth gum	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
414	Gum arabic (Acacia gum)	Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Glazing agent	<i>glazing agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
415	Xanthan gum	Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>foaming agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
416	Karaya gum	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>bodying agent</i> <i>thickener</i>
417	Tara gum	Gelling agent	<i>gelling agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
418	Gellan gum	Gelling agent	<i>gelling agent</i>
		Stabilizer	<i>stabilizer</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Thickener	<i>thickener</i>
		Carrier	<i>carrier</i>
419	Gum ghatti	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
420	Sorbitols		
		Bulking agent	<i>bulking agent</i>
		Humectant	<i>humectant</i>
420(i)	Sorbitol	Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Sweetener	<i>sweetener</i>
		Thickener	<i>texturizing agent</i>
		Bulking agent	<i>bulking agent</i>
		Humectant	<i>humectant</i>
420(ii)	Sorbitol syrup	Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Sweetener	<i>sweetener</i>
		Thickener	<i>texturizing agent</i>
		Anticaking agent	<i>anticaking agent</i>
		Bulking agent	<i>bulking agent</i>
421	Mannitol	Humectant	<i>humectant</i>
		Stabilizer	<i>stabilizer</i>
		Sweetener	<i>sweetener</i>
		Thickener	<i>texturizing agent</i>
422	Glycerol	Humectant	<i>humectant</i>
		Thickener	<i>bodying agent</i>
423	Octenyl succinic acid (OSA) modified gum arabic	Emulsifier	<i>emulsifier</i>
		Firming agent	<i>firming agent</i>
424	Curdlan	Gelling agent	<i>gelling agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>

INS No.	Name of food additive	Functional class	Technological purpose
425	Konjac flour	Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Gelling agent	<i>gelling agent</i>
		Glazing agent	<i>glazing agent</i>
		Humectant	<i>humectant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
426	Soybean hemicellulose	Anticaking agent	<i>anticaking agent</i>
		Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
427	Cassia gum	Emulsifier	<i>emulsifier</i>
		Gelling agent	<i>gelling agent</i>
		Humectant	<i>moisture-retention agent</i>
		Stabilizer	<i>foam stabilizer</i> <i>stabilizer</i>
		Thickener	<i>texturizing agent</i> <i>thickener</i>
428	Gelatin	Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Gelling agent	<i>gelling agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
429	Peptones	Emulsifier	<i>emulsifier</i>
430	Polyoxyethylene (8) stearate	Emulsifier	<i>emulsifier</i>
431	Polyoxyethylene (40) stearate	Emulsifier	<i>emulsifier</i>
432	Polyoxyethylene (20) sorbitan monolaurate	Emulsifier	<i>dispersing agent</i> <i>emulsifier</i>
		Stabilizer	<i>emulsion stabilizer</i>
433	Polyoxyethylene (20) sorbitan monooleate	Emulsifier	<i>dispersing agent</i> <i>emulsifier</i>
		Stabilizer	<i>emulsion stabilizer</i>
434	Polyoxyethylene (20) sorbitan monopalmitate	Emulsifier	<i>dispersing agent</i> <i>emulsifier</i>
435	Polyoxyethylene (20) sorbitan monostearate	Emulsifier	<i>dispersing agent</i> <i>emulsifier</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Stabilizer	<i>emulsion stabilizer</i>
			<i>dispersing agent</i>
436	Polyoxyethylene (20) sorbitan tristearate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>emulsion stabilizer</i>
		Emulsifier	<i>emulsifier</i>
		Gelling agent	<i>gelling agent</i>
437	Tamarind seed polysaccharide	Stabilizer	<i>stabilizer</i>
			<i>foam stabilizer</i>
		Thickener	<i>thickener</i>
		Emulsifier	<i>emulsifier</i>
		Gelling agent	<i>gelling agent</i>
440	Pectins	Glazing agent	<i>glazing agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
441	Superglycerinated hydrogenated rapeseed oil	Emulsifier	<i>emulsifier</i>
442	Ammonium salts of phosphatidic acid	Emulsifier	<i>emulsifier</i>
443	Brominated vegetable oils	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
444	Sucrose acetate isobutyrate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
445	Glycerol esters of rosin		
445(i)	Glycerol ester of gum rosin	Emulsifier	<i>density adjustment agent</i>
			<i>emulsifier</i>
445(ii)	Glycerol ester of tall oil rosin	Emulsifier	<i>density adjustment agent</i>
			<i>emulsifier</i>
445(iii)	Glycerol ester of wood rosin	Emulsifier	<i>density adjustment agent</i>
			<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
446	Succistearin	Emulsifier	<i>emulsifier</i>
450	Diphosphates		

INS No.	Name of food additive	Functional class	Technological purpose
450(i)	Disodium diphosphate	Acidity regulator	<i>acidity regulator</i> <i>buffering agent</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
450(ii)	Trisodium diphosphate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Raising agent	<i>raising agent</i>
		Humectant	<i>moisture-retention agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
450(iii)	Tetrasodium diphosphate	Acidity regulator	<i>acidity regulator</i> <i>buffering agent</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
450(iv)	Dipotassium diphosphate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
450(v)	Tetrapotassium diphosphate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
		Acidity regulator	<i>acidity regulator</i> <i>buffering agent</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
450(vi)	Dicalcium diphosphate	Firming agent	<i>firming agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
		Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
450(vii)	Calcium dihydrogen diphosphate	Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Acidity regulator	<i>acidity regulator</i>
		Flour treatment agent	<i>dough conditioner</i>
		Emulsifier	<i>emulsifier</i>
450(viii)	Dimagnesium diphosphate	Firming agent	<i>firming agent</i>
		Raising agent	<i>raising agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
		Acidity regulator	<i>acidifier</i> <i>acidity regulator</i>
450(ix)	Magnesium dihydrogen diphosphate	Raising agent	<i>raising agent</i>
		Stabilizer	<i>stabilizer</i>
451	Triphosphates		
		Acidity regulator	<i>acidity regulator</i>
451(i)	Pentasodium triphosphate	Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Humectant	<i>moisture-retention agent</i>
		Sequestrant	<i>stabilizer</i>
		Stabilizer	<i>sequestrant</i>
		Thickener	<i>texturizing agent</i>
		Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
451(ii)	Pentapotassium triphosphate	Humectant	<i>moisture-retention agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
		Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
451(iii)	Sodium potassium triphosphate	Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
452	Polyphosphates		
		Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
452(i)	Sodium polyphosphate	Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
		Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
452(ii)	Potassium polyphosphate	Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>

INS No.	Name of food additive	Functional class	Technological purpose
452(iii)	Sodium calcium polyphosphate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
452(iv)	Calcium polyphosphate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
452(v)	Ammonium polyphosphate	Acid regulator	<i>acid regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Humectant	<i>moisture-retention agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
452(vi)	Sodium potassium hexametaphosphate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
453	Ferric(III)-orthophosphate	Colour	<i>colour</i>
		Carrier	<i>carrier</i>
454	Ferric(III)-pyrophosphate	Carrier	<i>carrier</i>
455	Yeast mannoproteins	Stabilizer	<i>stabilizer</i>
456	Potassium polyaspartate	Stabilizer	<i>stabilizer</i>
457	Cyclodextrin, <i>alpha</i> -	Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i>
458	Cyclodextrin, <i>gamma</i> -	Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i>
459	Cyclodextrin, <i>beta</i> -	Carrier	<i>carrier</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i>
460	Celluloses		
		Anticaking agent	<i>anticaking agent</i>
		Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Glazing agent	<i>coating agent</i> <i>glazing agent</i>
460(i)	Microcrystalline cellulose (cellulose gel)	Emulsifier	<i>dispersing agent</i> <i>emulsifier</i>
		Foaming agent	<i>foaming agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i> <i>thickener</i>
		Anticaking agent	<i>anticaking agent</i>
		Bulking agent	<i>bulking agent</i>
		Glazing agent	<i>coating agent</i> <i>glazing agent</i>
460(ii)	Powdered cellulose	Emulsifier	<i>dispersing agent</i> <i>emulsifier</i>
		Humectant	<i>humectant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i> <i>thickener</i>
		Bulking agent	<i>bulking agent</i>
		Glazing agent	<i>coating agent</i> <i>glazing agent</i>
461	Methyl cellulose	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
		Binder	<i>binder</i>
		Bulking agent	<i>filler</i>
462	Ethyl cellulose	Carrier	<i>diluent for other food additives</i>
		Glazing agent	<i>coating agent</i> <i>glazing agent</i>
		Thickener	<i>thickener</i>
463	Hydroxypropyl cellulose	Emulsifier	<i>emulsifier</i>

INS No.	Name of food additive	Functional class	Technological purpose
			<i>suspension agent</i>
		Foaming agent	<i>foaming agent</i>
		Glazing agent	<i>coating agent</i> <i>film-forming agent</i> <i>glazing agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
		Bulking agent	<i>bulking agent</i>
		Glazing agent	<i>coating agent</i> <i>glazing agent</i>
464	Hydroxypropyl methyl cellulose	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
		Emulsifier	<i>emulsifier</i>
465	Methyl ethyl cellulose	Foaming agent	<i>foaming agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
		Bulking agent	<i>bulking agent</i>
		Emulsifier	<i>emulsifier</i> <i>suspension agent</i>
		Firming agent	<i>firming agent</i>
466	Sodium carboxymethyl cellulose (cellulose gum)	Gelling agent	<i>gelling agent</i>
		Glazing agent	<i>coating agent</i> <i>glazing agent</i>
		Humectant	<i>humectant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
		Emulsifier	<i>emulsifier</i>
467	Ethyl hydroxyethyl cellulose	Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
468	Cross-linked sodium carboxymethyl cellulose (cross-linked cellulose gum)	Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i>
469	Sodium carboxymethyl cellulose, enzymatically hydrolyzed (cellulose gum, enzymatically hydrolyzed)	Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>

INS No.	Name of food additive	Functional class	Technological purpose
470	Salts of fatty acids, with base aluminium, ammonium, calcium, magnesium, potassium, sodium		
470(i)	Salts of myristic, palmitic and stearic acids with ammonia, calcium, potassium and sodium	Anticaking agent	<i>anticaking agent</i>
		Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
470(ii)	Salts of oleic acid with calcium, potassium and sodium	Anticaking agent	<i>anticaking agent</i>
		Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
470(iii)	Magnesium stearate	Anticaking agent	<i>anticaking agent</i>
		Emulsifier	<i>emulsifier</i>
		Thickener	<i>binder</i>
471	Mono- and di-glycerides of fatty acids	Antifoaming agent	<i>antifoaming agent</i>
		Emulsifier	<i>emulsifier</i>
		Glazing agent	<i>glazing agent</i> <i>surface-finishing agent</i>
472a	Acetic and fatty acid esters of glycerol	Stabilizer	<i>stabilizer</i>
		Emulsifier	<i>emulsifier</i>
		Sequestrant	<i>sequestrant</i>
472b	Lactic and fatty acid esters of glycerol	Stabilizer	<i>stabilizer</i>
		Emulsifier	<i>emulsifier</i>
		Sequestrant	<i>sequestrant</i>
472c	Citric and fatty acid esters of glycerol	Antioxidant	<i>antioxidant synergist</i>
		Emulsifier	<i>emulsifier</i>
		Flour treatment agent	<i>dough conditioner</i>
		Sequestrant	<i>sequestrant</i>
472d	Tartaric acid esters of mono- and di-glycerides of fatty acids	Stabilizer	<i>stabilizer</i>
		Sequestrant	<i>sequestrant</i>
		Emulsifier	<i>emulsifier</i>
472e	Diacetyltartaric and fatty acid esters of glycerol	Stabilizer	<i>stabilizer</i>
		Sequestrant	<i>sequestrant</i>
		Emulsifier	<i>emulsifier</i>
472g	Succinylated monoglycerides	Stabilizer	<i>stabilizer</i>
		Sequestrant	<i>sequestrant</i>
		Emulsifier	<i>emulsifier</i>

INS No.	Name of food additive	Functional class	Technological purpose
473	Sucrose esters of fatty acids	Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>foaming agent</i>
		Glazing agent	<i>glazing agent</i>
		Stabilizer	<i>stabilizer</i>
473a	Sucrose oligoesters, type I and type II	Emulsifier	<i>emulsifier</i>
		Glazing agent	<i>coating agent</i>
		Stabilizer	<i>stabilizer</i>
474	Sucroglycerides	Emulsifier	<i>emulsifier</i>
475	Polyglycerol esters of fatty acids	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
476	Polyglycerol esters of interesterified ricinoleic acid	Emulsifier	<i>emulsifier</i>
477	Propylene glycol esters of fatty acids	Emulsifier	<i>emulsifier</i>
478	Lactylated fatty acid esters of glycerol and propylene glycol	Emulsifier	<i>emulsifier</i>
479	Thermally oxidized soya bean oil interacted with mono- and di-glycerides of fatty acids	Emulsifier	<i>emulsifier</i>
480	Dioctyl sodium sulfosuccinate	Emulsifier	<i>emulsifier</i>
		Humectant	<i>wetting agent</i>
481	Sodium lactylates		
481(i)	Sodium stearoyl lactylate	Flour treatment agent	<i>dough conditioner</i>
		Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>whipping agent</i>
		Stabilizer	<i>stabilizer</i>
481(ii)	Sodium oleyl lactylate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
482	Calcium lactylates		
482(i)	Calcium stearoyl lactylate	Emulsifier	<i>emulsifier</i>
		Flour treatment agent	<i>dough conditioners</i>
		Foaming agent	<i>whipping agent</i>
		Stabilizer	<i>stabilizer</i>
482(ii)	Calcium oleyl lactylate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
483	Stearyl tartrate	Flour treatment agent	<i>flour treatment agent</i>
484	Stearyl citrate	Antioxidant	<i>antioxidant</i>
		Emulsifier	<i>emulsifier</i>
		Sequestrant	<i>sequestrant</i>

INS No.	Name of food additive	Functional class	Technological purpose
485	Sodium stearoyl fumarate	Emulsifier	<i>emulsifier</i>
486	Calcium stearoyl fumarate	Emulsifier	<i>emulsifier</i>
487	Sodium laurylsulphate	Emulsifier	<i>emulsifier</i>
488	Ethoxylated mono- and di-glycerides	Emulsifier	<i>emulsifier</i>
489	Methyl glucoside-coconut oil ester	Emulsifier	<i>emulsifier</i>
491	Sorbitan monostearate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
492	Sorbitan tristearate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
493	Sorbitan monolaurate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
494	Sorbitan monooleate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
495	Sorbitan monopalmitate	Emulsifier	<i>emulsifier</i>
496	Sorbitan trioleate	Stabilizer	<i>stabilizer</i>
499	Stigmasterol-rich plant sterols	Stabilizer	<i>stabilizer</i>
500	Sodium carbonates		
500(i)	Sodium carbonate	Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>
		Emulsifying salt	<i>emulsifying salt synergist</i>
		Raising agent	<i>raising agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
500(ii)	Sodium hydrogen carbonate	Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>
		Raising agent	<i>raising agent</i>
		Stabilizer	<i>stabilizer</i>
500(iii)	Sodium sesquicarbonate	Thickener	<i>thickener</i>
		Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>
501	Potassium carbonates	Raising agent	<i>raising agent</i>
501(i)	Potassium carbonate	Acidity regulator	<i>acidity regulator</i>
		Stabilizer	<i>stabilizer</i>
501(ii)	Potassium hydrogen carbonate	Acidity regulator	<i>acidity regulator</i>
		Raising agent	<i>raising agent</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Stabilizer	<i>stabilizer</i>
503	Ammonium carbonates		
503(i)	Ammonium carbonate	Acidity regulator	<i>acidity regulator</i>
		Raising agent	<i>raising agent</i>
503(ii)	Ammonium hydrogen carbonate	Acidity regulator	<i>acidity regulator</i>
		Raising agent	<i>raising agent</i>
504	Magnesium carbonates		
		Acidity regulator	<i>acidity regulator</i>
504(i)	Magnesium carbonate	Anticaking agent	<i>anticaking agent</i>
		Colour retention agent	<i>colour retention agent</i>
		Flour treatment agent	<i>flour treatment agent</i>
504(ii)	Magnesium hydroxide carbonate	Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>
		Carrier	<i>carrier</i>
		Colour retention agent	<i>colour retention agent</i>
505	Ferrous carbonate	Acidity regulator	<i>acidity regulator</i>
507	Hydrochloric acid	Acidity regulator	<i>acidity regulator</i>
508	Potassium chloride	Firming agent	<i>firming agent</i>
		Flavour enhancer	<i>flavour enhancer</i>
		Stabilizer	<i>Stabilizer synergist</i>
		Thickener	<i>Thickener synergist</i>
509	Calcium chloride	Firming agent	<i>firming agent</i>
		Stabilizer	<i>stabilizer synergist</i>
		Thickener	<i>thickener synergist</i>
510	Ammonium chloride	Flour treatment agent	<i>flour treatment agent</i>
511	Magnesium chloride	Colour retention agent	<i>colour retention agent</i>
		Firming agent	<i>firming agent</i>
		Stabilizer	<i>stabilizer</i>
512	Stannous chloride	Antioxidant	<i>antioxidant</i>
		Colour retention agent	<i>colour retention agent</i>
513	Sulphuric acid	Acidity regulator	<i>acidity regulator</i>
514	Sodium sulphates		
514(i)	Sodium sulphate	Acidity regulator	<i>acidity regulator</i>
514(ii)	Sodium hydrogen sulphate	Acidity regulator	<i>acidity regulator</i>
515	Potassium sulphates		

INS No.	Name of food additive	Functional class	Technological purpose
515(i)	Potassium sulphate	Acidity regulator	<i>acidity regulator</i>
515(ii)	Potassium hydrogen sulphate	Acidity regulator	<i>acidity regulator</i>
516	Calcium sulphate	Acidity regulator	<i>acidity regulator</i>
		Firming agent	<i>firming agent</i>
		Flour treatment agent	<i>flour treatment agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
517	Ammonium sulphate	Flour treatment agent	<i>flour treatment agent</i>
		Stabilizer	<i>stabilizer</i>
518	Magnesium sulphate	Firming agent	<i>firming agent</i>
		Flavour enhancer	<i>flavour enhancer</i>
519	Cupric sulphate	Colour retention agent	<i>colour fixative</i>
		Preservative	<i>preservative</i>
520	Aluminium sulphate	Firming agent	<i>firming agent</i>
521	Aluminium sodium sulphate	Acidity regulator	<i>acidity regulator</i>
		Firming agent	<i>firming agent</i>
522	Aluminium potassium sulphate	Acidity regulator	<i>acidity regulator</i>
		Stabilizer	<i>stabilizer</i>
523	Aluminium ammonium sulphate	Acidity regulator	<i>acidity regulator</i> <i>buffer</i>
		Colour retention agent	<i>colour fixative</i>
		Firming agent	<i>firming agent</i>
		Raising agent	<i>raising agent</i>
		Stabilizer	<i>stabilizer</i>
524	Sodium hydroxide	Acidity regulator	<i>acidity regulator</i>
525	Potassium hydroxide	Acidity regulator	<i>acidity regulator</i>
526	Calcium hydroxide	Acidity regulator	<i>acidity regulator</i>
		Firming agent	<i>firming agent</i>
527	Ammonium hydroxide	Acidity regulator	<i>acidity regulator</i>
528	Magnesium hydroxide	Acidity regulator	<i>acidity regulator</i>
		Colour retention agent	<i>colour retention agent</i>
529	Calcium oxide	Acidity regulator	<i>acidity regulator</i>
		Flour treatment agent	<i>dough conditioner</i> <i>flour treatment agent</i>
530	Magnesium oxide	Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>

INS No.	Name of food additive	Functional class	Technological purpose
534	Iron tartrate	Anticaking agent	<i>anticaking agent</i>
535	Sodium ferrocyanide	Anticaking agent	<i>anticaking agent</i>
536	Potassium ferrocyanide	Anticaking agent	<i>anticaking agent</i>
537	Ferrous hexacyanomanganate	Anticaking agent	<i>anticaking agent</i>
538	Calcium ferrocyanide	Anticaking agent	<i>anticaking agent</i>
539	Sodium thiosulphate	Antioxidant	<i>antibrowning agent</i>
		Sequestrant	<i>antioxidant</i>
541	Sodium aluminium phosphates		
541(i)	Sodium aluminium phosphate, acidic	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Raising agent	<i>raising agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
541(ii)	Sodium aluminium phosphate, basic	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
542	Bone phosphate	Anticaking agent	<i>anticaking agent</i>
		Emulsifier	<i>emulsifier</i>
		Humectant	<i>moisture-retention agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
550	Sodium silicates		
550(i)	Sodium silicate	Anticaking agent	<i>anticaking agent</i>
550(ii)	Sodium metasilicate	Anticaking agent	<i>anticaking agent</i>
		Anticaking agent	<i>anticaking agent</i>
551	Silicon dioxide, amorphous	Carrier	<i>carrier</i>
		Antifoaming agent	<i>defoaming agent</i>
552	Calcium silicate	Anticaking agent	<i>anticaking agent</i>
553	Magnesium silicates		
553(i)	Magnesium silicate, synthetic	Anticaking agent	<i>anticaking agent</i>
			<i>dusting agent</i>
553(ii)	Magnesium trisilicate	Anticaking agent	<i>anticaking agent</i>

INS No.	Name of food additive	Functional class	Technological purpose
			<i>dusting agent</i>
		Anticaking agent	<i>anticaking agent</i>
			<i>dusting agent</i>
553(iii)	Talc	Glazing agent	<i>coating agent</i>
			<i>surface-finishing agent</i>
		Thickener	<i>texturizing agent</i>
554	Sodium aluminium silicate	Anticaking agent	<i>anticaking agent</i>
		Anticaking agent	<i>anticaking agent</i>
555	Potassium aluminium silicate	Carrier	<i>carrier</i>
556	Calcium aluminium silicate	Anticaking agent	<i>anticaking agent</i>
557	Zinc silicate	Anticaking agent	<i>anticaking agent</i>
558	Bentonite	Anticaking agent	<i>anticaking agent</i>
559	Aluminium silicate	Anticaking agent	<i>anticaking agent</i>
560	Potassium silicate	Anticaking agent	<i>anticaking agent</i>
		Antifoaming agent	<i>antifoaming agent</i>
570	Fatty acids	Glazing agent	<i>glazing agent</i>
		Stabilizer	<i>foam stabilizer</i>
		Acidity regulator	<i>acidity regulator</i>
574	Gluconic acid, D-	Raising agent	<i>raising agent</i>
		Acidity regulator	<i>acidity regulator</i>
575	Glucono delta-lactone	Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Sequestrant	<i>sequestrant</i>
576	Sodium gluconate	Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
		Acidity regulator	<i>acidity regulator</i>
577	Potassium gluconate	Sequestrant	<i>sequestrant</i>
		Acidity regulator	<i>acidity regulator</i>
578	Calcium gluconate	Firming agent	<i>firming agent</i>
		Sequestrant	<i>sequestrant</i>
		Colour retention agent	<i>colour retention agent</i>
579	Ferrous gluconate		<i>colour stabilizer</i>
		Acidity regulator	<i>acidity regulator</i>
580	Magnesium gluconate	Firming agent	<i>firming agent</i>
		Flavour enhancer	<i>flavour enhancer</i>
585	Ferrous lactate	Colour retention agent	<i>colour retention agent</i>

INS No.	Name of food additive	Functional class	Technological purpose
586	Hexylresorcinol, 4-	Antioxidant	<i>antioxidant</i>
		Colour retention agent	<i>colour retention agent</i>
620	Glutamic acid, L(+)-	Flavour enhancer	<i>flavour enhancer</i>
621	Monosodium L-glutamate	Flavour enhancer	<i>flavour enhancer</i>
622	Monopotassium L-glutamate	Flavour enhancer	<i>flavour enhancer</i>
623	Calcium di-L-glutamate	Flavour enhancer	<i>flavour enhancer</i>
624	Monoammonium L-glutamate	Flavour enhancer	<i>flavour enhancer</i>
625	Magnesium di-L-glutamate	Flavour enhancer	<i>flavour enhancer</i>
626	Guanylic acid, 5'-	Flavour enhancer	<i>flavour enhancer</i>
627	Disodium 5'-guanylate	Flavour enhancer	<i>flavour enhancer</i>
628	Dipotassium 5'-guanylate	Flavour enhancer	<i>flavour enhancer</i>
629	Calcium 5'-guanylate	Flavour enhancer	<i>flavour enhancer</i>
630	Inosinic acid, 5'-	Flavour enhancer	<i>flavour enhancer</i>
631	Disodium 5'-inosinate	Flavour enhancer	<i>flavour enhancer</i>
632	Potassium 5'-inosinate	Flavour enhancer	<i>flavour enhancer</i>
633	Calcium 5'-inosinate	Flavour enhancer	<i>flavour enhancer</i>
634	Calcium 5'-ribonucleotides	Flavour enhancer	<i>flavour enhancer</i>
635	Disodium 5'-ribonucleotides	Flavour enhancer	<i>flavour enhancer</i>
636	Maltol	Flavour enhancer	<i>flavour enhancer</i>
637	Ethyl maltol	Flavour enhancer	<i>flavour enhancer</i>
638	Sodium L-aspartate	Flavour enhancer	<i>flavour enhancer</i>
639	Alanine, DL-	Flavour enhancer	<i>flavour enhancer</i>
640	Glycine	Flavour enhancer	<i>flavour enhancer</i>
641	Leucine, L-	Flavour enhancer	<i>flavour enhancer</i>
642	Lysin hydrochloride	Flavour enhancer	<i>flavour enhancer</i>
650	Zinc acetate	Flavour enhancer	<i>flavour enhancer</i>
900a	Polydimethylsiloxane	Anticaking agent	<i>anticaking agent</i>
		Antifoaming agent	<i>antifoaming agent</i>
		Emulsifier	<i>emulsifier</i>
900b	Methylphenylpolysiloxane	Antifoaming agent	<i>antifoaming agent</i>

INS No.	Name of food additive	Functional class	Technological purpose
901	Beeswax	Carrier	<i>carrier</i>
		Emulsifier	<i>clouding agent</i>
		Glazing agent	<i>coating agent</i>
			<i>glazing agent</i>
		Stabilizer	<i>stabilizer</i>
Thickener	<i>texturing agent</i> <i>thickener</i>		
902	Candelilla wax	Carrier	<i>carrier</i>
		Emulsifier	<i>clouding agent</i>
		Glazing agent	<i>glazing agent</i>
			<i>surface finishing agent</i>
Thickener	<i>texturizing agent</i>		
903	Carnauba wax	Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>
		Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Glazing agent	<i>glazing agent</i>
904	Shellac, bleached	Glazing agent	<i>coating agent</i>
			<i>glazing agent</i>
905a	Mineral oil, food grade	Glazing agent	<i>glazing agent</i>
			<i>sealing agent</i>
905b	Petroleum jelly (petrolatum)	Antifoaming agent	<i>antifoaming agent</i>
		Glazing agent	<i>glazing agent</i>
			<i>sealing agent</i>
905c	Petroleum wax	Glazing agent	<i>glazing agent</i>
			<i>sealing agent</i>
905c(i)	Microcrystalline wax	Antifoaming agent	<i>defoaming agent</i>
		Glazing agent	<i>glazing agent</i>
905c(ii)	Paraffin wax	Glazing agent	<i>glazing agent</i>
905d	Mineral oil, high viscosity	Antifoaming agent	<i>defoaming agent</i>
		Glazing agent	<i>glazing agent</i>
			<i>sealing agent</i>
905e	Mineral oil, medium viscosity	Glazing agent	<i>glazing agent</i>
			<i>sealing agent</i>
905f			<i>glazing agent</i>

INS No.	Name of food additive	Functional class	Technological purpose
	Mineral oil, medium and low viscosity, class II	Glazing agent	<i>sealing agent</i>
905g	Mineral oil, medium and low viscosity, class III	Glazing agent	<i>glazing agent</i> <i>sealing agent</i>
906	Benzoin gum	Glazing agent	<i>glazing agent</i>
907	Hydrogenated poly-1-decenes	Glazing agent	<i>glazing agent</i>
908	Rice bran wax	Glazing agent	<i>glazing agent</i>
909	Spermaceti wax	Glazing agent	<i>glazing agent</i>
910	Wax esters	Glazing agent	<i>glazing agent</i>
911	Methyl esters of fatty acids	Glazing agent	<i>glazing agent</i>
913	Lanolin	Glazing agent	<i>glazing agent</i>
915	Glycerol, methyl, or pentaerythritol esters of colophane	Glazing agent	<i>glazing agent</i>
916	Calcium iodate	Flour treatment agent	<i>flour treatment agent</i>
917	Potassium iodate	Flour treatment agent	<i>flour treatment agent</i>
918	Nitrogen oxides	Flour treatment agent	<i>flour treatment agent</i>
919	Nitrosyl chloride	Flour treatment agent	<i>flour treatment agent</i>
920	Cysteine, L- and its hydrochlorides – sodium and potassium salts	Flour treatment agent	<i>flour treatment agent</i>
921	Cystine, L- and its hydrochlorides sodium and potassium salts	Flour treatment agent	<i>flour treatment agent</i>
922	Potassium persulphate	Flour treatment agent	<i>flour treatment agent</i>
923	Ammonium persulphate	Flour treatment agent	<i>flour treatment agent</i>
925	Chlorine	Flour treatment agent	<i>flour bleaching agent</i>
926	Chlorine dioxide	Flour treatment agent	<i>flour treatment agent</i>
927a	Azodicarbonamide	Flour treatment agent	<i>flour treatment agent</i>
927b	Urea (Carbamide)	Flour treatment agent	<i>flour treatment agent</i>
		Bleaching agent	<i>bleaching agent</i>
928	Benzoyl peroxide	Flour treatment agent	<i>flour treatment agent</i>
		Preservative	<i>preservative</i>
929	Acetone peroxide	Flour treatment agent	<i>flour treatment agent</i>
930	Calcium peroxide	Flour treatment agent	<i>flour treatment agent</i>
940	Dichlorodifluormethane	Propellant	<i>propellant</i>
		Foaming agent	<i>foaming agent</i>
941	Nitrogen	Packaging gas	<i>packaging gas</i>
		Propellant	<i>propellant</i>
942	Nitrous oxide	Antioxidant	<i>antioxidant</i>
		Foaming agent	<i>foaming agent</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Packaging gas	<i>packaging gas</i>
		Propellant	<i>propellant</i>
943a	Butane	Propellant	<i>propellant</i>
943b	Isobutane	Propellant	<i>propellant</i>
944	Propane	Propellant	<i>propellant</i>
945	Chloropentafluorethane	Propellant	<i>propellant</i>
946	Octafluorocyclobutane	Propellant	<i>propellant</i>
949	Hydrogen	Packaging gas	<i>packaging gas</i>
950	Acesulfame potassium	Flavour enhancer	<i>flavour enhancer</i>
		Sweetener	<i>sweetener</i>
951	Aspartame	Flavour enhancer	<i>flavour enhancer</i>
		Sweetener	<i>sweetener</i>
952	Cyclamates		
952(i)	Cyclamic acid	Sweetener	<i>sweetener</i>
952(ii)	Calcium cyclamate	Sweetener	<i>sweetener</i>
952(iv)	Sodium cyclamate	Sweetener	<i>sweetener</i>
		Anticaking agent	<i>anticaking agent</i>
		Bulking agent	<i>bulking agent</i>
			<i>flavour enhancer</i>
953	Isomalt (hydrogenated isomaltulose)	Flavour enhancer	<i>flavour synergist</i>
		Glazing agent	<i>glazing agent</i>
		Stabilizer	<i>stabilizer</i>
		Sweetener	<i>sweetener</i>
		Thickener	<i>texturizing agent</i>
954	Saccharins		
954(i)	Saccharin	Sweetener	<i>sweetener</i>
954(ii)	Calcium saccharin	Sweetener	<i>sweetener</i>
954(iii)	Potassium saccharin	Sweetener	<i>sweetener</i>
954(iv)	Sodium saccharin	Sweetener	<i>sweetener</i>
955	Sucralose (trichlorogalactosucrose)	Flavour enhancer	<i>flavour enhancer</i>
		Sweetener	<i>sweetener</i>
956	Alitame	Sweetener	<i>sweetener</i>
957	Thaumatococcus	Flavour enhancer	<i>flavour enhancer</i>
		Sweetener	<i>sweetener</i>
958	Glycyrrhizin	Flavour enhancer	<i>flavour enhancer</i>
		Sweetener	<i>sweetener</i>

INS No.	Name of food additive	Functional class	Technological purpose
959	Neohesperidine dihydrochalcone	Sweetener	<i>sweetener</i>
960	Steviol glycosides		
960a	Steviol glycosides from <i>Stevia rebaudiana</i> Bertoni (steviol glycosides from Stevia)	Sweetener	<i>sweetener</i>
960b	Steviol glycosides from fermentation	Sweetener	<i>sweetener</i>
960c	Enzymatically produced steviol glycosides	Sweetener	<i>sweetener</i>
960d	Glucosylated steviol glycosides	Sweetener	<i>sweetener</i>
961	Neotame	Flavour enhancer	<i>flavour enhancer</i>
		Sweetener	<i>sweetener</i>
962	Aspartame-acesulfame salt	Sweetener	<i>sweetener</i>
963	Tagatose, D-	Sweetener	<i>sweetener</i>
964	Polyglycitol syrup	Sweetener	<i>sweetener</i>
965	Maltitols		
965(i)	Maltitol	Bulking agent	<i>bulking agent</i>
		Emulsifier	<i>emulsifier</i>
		Humectant	<i>humectant</i>
		Sweetener	<i>sweetener</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i> <i>texturizing agent</i>
965(ii)	Maltitol syrup	Bulking agent	<i>bulking agent</i>
		Emulsifier	<i>emulsifier</i>
		Humectant	<i>humectant</i>
		Stabilizer	<i>stabilizer</i>
		Sweetener	<i>sweetener</i>
		Thickener	<i>thickener</i> <i>texturizing agent</i>
966	Lactitol	Emulsifier	<i>emulsifier</i>
		Sweetener	<i>sweetener</i>
		Thickener	<i>texturizing agent</i>
967	Xylitol	Emulsifier	<i>emulsifier</i>
		Humectant	<i>humectant</i>
		Stabilizer	<i>stabilizer</i>
		Sweetener	<i>sweetener</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Thickener	<i>thickener</i>
		Flavour enhancer	<i>flavour enhancer</i>
968	Erythritol	Humectant	<i>humectant</i>
		Sweetener	<i>sweetener</i>
969	Advantame	Sweetener	<i>sweetener</i>
		Flavour enhancer	<i>flavour enhancer</i>
999	Quillaia extracts		
999(i)	Quillaia extract type 1	Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>foaming agent</i>
999(ii)	Quillaia extract type 2	Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>foaming agent</i>
1000	Cholic acid	Emulsifier	<i>emulsifier</i>
1001	Choline salts and esters		
1001(i)	Choline acetate	Emulsifier	<i>emulsifier</i>
1001(ii)	Choline carbonate	Emulsifier	<i>emulsifier</i>
1001(iii)	Choline chloride	Emulsifier	<i>emulsifier</i>
1001(iv)	Choline citrate	Emulsifier	<i>emulsifier</i>
1001(v)	Choline tartrate	Emulsifier	<i>emulsifier</i>
1001(vi)	Choline lactate	Emulsifier	<i>emulsifier</i>
1100	Amylases		
1100 (i)	alpha-Amylase from <i>Aspergillus oryzae</i> var.	Flour treatment agent	<i>flour treatment agent</i>
1100 (ii)	alpha-Amylase from <i>Bacillus stearothermophilus</i>	Flour treatment agent	<i>flour treatment agent</i>
1100 (iii)	alpha-Amylase from <i>Bacillus subtilis</i>	Flour treatment agent	<i>flour treatment agent</i>
1100 (iv)	alpha-Amylase from <i>Bacillus megaterium</i> expressed in <i>Bacillus subtilis</i>	Flour treatment agent	<i>flour treatment agent</i>
1100 (v)	alpha-Amylase from <i>Bacillus stearothermophilus</i> expressed in <i>Bacillus subtilis</i>	Flour treatment agent	<i>flour treatment agent</i>
1100 (vi)	Carbohydrase from <i>Bacillus licheniformis</i>	Flour treatment agent	<i>flour treatment agent</i>
1101	Proteases		
		Flour treatment agent	<i>flour treatment agent</i>
1101(i)	Protease from <i>Aspergillus oryzae</i> . Var.	Flavour enhancer	<i>flavour enhancer</i>
		Stabilizer	<i>stabilizer</i>
1101(ii)	Papain	Flavour enhancer	<i>flavour enhancer</i>

INS No.	Name of food additive	Functional class	Technological purpose
1101(iii)	Bromelain	Flour treatment agent	<i>flour treatment agent</i>
		Flavour enhancer	<i>flavour enhancer</i>
		Stabilizer	<i>stabilizer</i>
1101(iv)	Ficin	Flour treatment agent	<i>flour treatment agent</i>
		Flavour enhancer	<i>flavour enhancer</i>
		Stabilizer	<i>stabilizer</i>
1101(v)	Protease from <i>Streptomyces fradiae</i>	Flour treatment agent	<i>flour treatment agent</i>
		Flavour enhancer	<i>flavour enhancer</i>
		Stabilizer	<i>stabilizer</i>
1101(vi)	Proteases from <i>Bacillus subtilis</i>	Flour treatment agent	<i>flour treatment agent</i>
		Flavour enhancer	<i>flavour enhancer</i>
		Stabilizer	<i>stabilizer</i>
1102	Glucose oxidase	Antioxidant	<i>antioxidant</i>
1103	Invertases	Stabilizer	<i>stabilizer</i>
1104	Lipases	Flavour enhancer	<i>flavour enhancer</i>
1105	Lysozyme	Preservative	<i>preservative</i>
1200	Polydextroses	Bulking agent	<i>bulking agent</i>
		Glazing agent	<i>coating agent</i>
			<i>glazing agent</i>
		Humectant	<i>humectant</i>
1201	Polyvinylpyrrolidone	Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
			<i>thickener</i>
1202	Polyvinylpyrrolidone, insoluble	Emulsifier	<i>dispersing agent</i>
		Glazing agent	<i>coating agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>bodying agent</i>
1203	Polyvinyl alcohol	Colour retention agent	<i>colour stabilizer</i>
			Stabilizer
1204	Pullulan	Stabilizer	<i>stabilizer</i>
			Glazing agent
		Thickener	<i>sealing agent</i>
1204	Pullulan	Thickener	<i>surface-finishing agent</i>
			Glazing agent
1204	Pullulan	Thickener	<i>film-forming agent</i>
			Glazing agent

INS No.	Name of food additive	Functional class	Technological purpose
		Thickener	<i>thickener</i>
		Glazing agent	<i>glazing agent</i>
1205	Methacrylate copolymer, basic	Carrier	<i>carrier</i> <i>encapsulating agent</i>
1206	Methacrylate copolymer, neutral	Glazing agent	<i>glazing agent</i>
1207	Methacrylate copolymer, anionic	Glazing agent	<i>coating agent</i> <i>glazing agent</i>
1208	Polyvinylpyrrolidone-vinyl acetate copolymer	Glazing agent	<i>glazing agent</i>
1209	Polyvinyl alcohol (PVA)-polyethylene glycol (PEG) graft co-polymer	Glazing agent	<i>glazing agent</i>
		Stabilizer	<i>stabilizer</i> <i>binder</i>
1210	Sodium polyacrylate	Stabilizer	<i>stabilizer</i>
		Anticaking agent	<i>anticaking agent</i>
		Carrier	<i>carrier solvent</i>
1503	Castor oil	Emulsifier	<i>emulsifier</i> <i>plasticizer</i>
		Glazing agent	<i>glazing agent</i>
1504(i)	Cyclotetraglucose	Carrier	<i>carrier</i>
1504(ii)	Cyclotetraglucose syrup	Carrier	<i>carrier</i>
		Carrier	<i>carrier solvent</i> <i>emulsifier</i>
1505	Triethyl citrate	Emulsifier	<i>plasticizer</i>
		Stabilizer	<i>foam stabilizer</i>
		Sequestrant	<i>sequestrant</i>
1517	Glycerol diacetate	Carrier	<i>carrier</i>
		Carrier	<i>carrier solvent</i>
1518	Triacetin	Emulsifier	<i>emulsifier</i> <i>plasticizer</i>
		Humectant	<i>humectant</i>
1519	Benzyl alcohol	Carrier	<i>carrier</i>

INS No.	Name of food additive	Functional class	Technological purpose
1520	Propylene glycol	Emulsifier	<i>dispersing agent</i>
		Carrier	<i>carrier</i>
			<i>carrier solvent</i>
		Glazing agent	<i>glazing agent</i>
		Humectant	<i>humectant</i>
<i>wetting agent</i>			
1521	Polyethylene glycol	Antifoaming agent	<i>antifoaming agent</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
			<i>plasticizer</i>
		Glazing agent	<i>glazing agent</i>
Thickener	<i>binder</i>		
1522	Calcium lignosulphonate, 40-65	Carrier	<i>carrier</i>
			<i>encapsulating agent</i>

SUPPLEMENTARY LIST – MODIFIED STARCHES

List in numerical order

INS No.	Name of food a	Functional Class	Technological purpose
1400	Dextrins, roasted starch	Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
1401	Acid-treated starch	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
1402	Alkaline-treated starch	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
1403	Bleached starch	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
1404	Oxidized starch	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
1405	Starches, enzyme treated	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
1410	Monostarch phosphate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
1412	Distarch phosphate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
1413	Phosphated distarch phosphate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>

INS No.	Name of food a	Functional Class	Technological purpose
1414	Acetylated distarch phosphate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
1420	Starch acetate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
1422	Acetylated distarch adipate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
1440	Hydroxypropyl starch	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
1442	Hydroxypropyl distarch phosphate	Anticaking agent	<i>anticaking agent</i>
		Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
1450	Starch sodium octenyl succinate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
1451	Acetylated oxidized starch	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
1452	Starch aluminium octenyl succinate	Anticaking agent	<i>anticaking agent</i>
		Carrier	<i>carrier</i>
		Stabilizer	<i>stabilizer</i>

SECTION 4**INTERNATIONAL NUMBERING SYSTEM FOR FOOD ADDITIVES***List in alphabetical order*

INS No.	Name of food additive	Functional class	Technological purpose
950	Acesulfame potassium	Flavour enhancer	<i>flavour enhancer</i>
		Sweetener	<i>sweetener</i>
260	Acetic acid, glacial	Acidity regulator	<i>acidity regulator</i>
		Preservative	<i>preservative</i>
472a	Acetic and fatty acid esters of glycerol	Emulsifier	<i>emulsifier</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
929	Acetone peroxide	Flour treatment agent	<i>flour treatment agent</i>
355	Adipic acid	Acidity regulator	<i>acidity regulator</i>
969	Advantame	Sweetener	<i>sweetener</i>
		Flavour enhancer	<i>flavour enhancer</i>
406	Agar	Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
			<i>coating agent</i>
		Glazing agent	<i>glazing agent</i>
		Gelling agent	<i>gelling agent</i>
		Humectant	<i>humectant</i>
		Stabilizer	<i>stabilizer</i>
639	Alanine, DL-	Thickener	<i>thickener</i>
		Flavour enhancer	<i>flavour enhancer</i>
400	Alginic acid	Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>foaming agent</i>
		Gelling agent	<i>gelling agent</i>
		Glazing agent	<i>glazing agent</i>
		Humectant	<i>humectant</i>
956	Alitame	Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
103	Alkanet	Colour	<i>colour</i>

INS No.	Name of food additive	Functional class	Technological purpose
129	Allura red AC	Colour	<i>colour</i>
173	Aluminium powder	Colour	<i>colour</i> <i>surface colourant</i>
523	Aluminium ammonium sulphate	Acidity regulator	<i>acidity regulator</i> <i>buffer</i>
		Colour retention agent	<i>colour fixative</i>
		Firming agent	<i>firming agent</i>
		Raising agent	<i>raising agent</i>
		Stabilizer	<i>stabilizer</i>
522	Aluminium potassium sulphate	Acidity regulator	<i>acidity regulator</i>
		Stabilizer	<i>stabilizer</i>
559	Aluminium silicate	Anticaking agent	<i>anticaking agent</i>
521	Aluminium sodium sulphate	Acidity regulator	<i>acidity regulator</i>
		Firming agent	<i>firming agent</i>
520	Aluminium sulphate	Firming agent	<i>firming agent</i>
123	Amaranth	Colour	<i>colour</i>
264	Ammonium acetate	Acidity regulator	<i>acidity regulator</i>
359	Ammonium adipates	Acidity regulator	<i>acidity regulator</i>
		Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>foaming agent</i>
403	Ammonium alginate	Gelling agent	<i>gelling agent</i>
		Glazing agent	<i>glazing agent</i>
		Humectant	<i>humectant</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
503(i)	Ammonium carbonate	Acidity regulator	<i>acidity regulator</i>
		Raising agent	<i>raising agent</i>
503	Ammonium carbonates		
510	Ammonium chloride	Flour treatment agent	<i>flour treatment agent</i>
		Acidity regulator	<i>acidity regulator</i>
		Flour treatment agent	<i>flour treatment agent</i>
342(i)	Ammonium dihydrogen phosphate	Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
		Raising agent	<i>raising agent</i>

INS No.	Name of food additive	Functional class	Technological purpose
368	Ammonium fumarate	Acidity regulator	<i>acidity regulator</i>
503(ii)	Ammonium hydrogen carbonate	Acidity regulator	<i>acidity regulator</i>
		Raising agent	<i>raising agent</i>
527	Ammonium hydroxide	Acidity regulator	<i>acidity regulator</i>
328	Ammonium lactate	Acidity regulator	<i>acidity regulator</i>
		Flour treatment agent	<i>flour treatment agent</i>
349	Ammonium malate	Acidity regulator	<i>acidity regulator</i>
923	Ammonium persulphate	Flour treatment agent	<i>flour treatment agent</i>
342	Ammonium phosphates		
452(v)	Ammonium polyphosphate	Acid regulator	<i>acid regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Humectant	<i>moisture-retention agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
442	Ammonium salts of phosphatidic acid	Emulsifier	<i>emulsifier</i>
517	Ammonium sulphate	Flour treatment agent	<i>flour treatment agent</i>
		Stabilizer	<i>stabilizer</i>
1100	Amylases		
1100(i)	alpha-Amylase from <i>Aspergillus oryzae</i> var.	Flour treatment agent	<i>flour treatment agent</i>
1100(ii)	alpha-Amylase from <i>Bacillus stearothermophilus</i>	Flour treatment agent	<i>flour treatment agent</i>
1100(iii)	alpha-Amylase from <i>Bacillus subtilis</i>	Flour treatment agent	<i>flour treatment agent</i>
1100(iv)	alpha-Amylase from <i>Bacillus megaterium</i> expressed in <i>Bacillus subtilis</i>	Flour treatment agent	<i>flour treatment agent</i>
1100(v)	alpha-Amylase from <i>Bacillus stearothermophilus</i> expressed in <i>Bacillus subtilis</i>	Flour treatment agent	<i>flour treatment agent</i>
160b	Annatto extracts		
160b(i)	Annatto extracts, bixin-based	Colour	<i>colour</i>
160b(ii)	Annatto extracts, norbixin-based	Colour	<i>colour</i>
323	Anoxomer	Antioxidant	<i>antioxidant</i>
163	Anthocyanins		
409	Arabinogalactan	Gelling agent	<i>gelling agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>

INS No.	Name of food additive	Functional class	Technological purpose
300	Ascorbic acid, L-	Acidity regulator	<i>acidity regulator</i>
		Antioxidant	<i>antioxidant</i>
		Flour treatment agent	<i>flour treatment agent</i>
		Sequestrant	<i>sequestrant</i>
304	Ascorbyl palmitate	Antioxidant	<i>antioxidant</i>
305	Ascorbyl stearate	Antioxidant	<i>antioxidant</i>
951	Aspartame	Flavour enhancer	<i>flavour enhancer</i>
		Sweetener	<i>sweetener</i>
962	Aspartame-acesulfame salt	Sweetener	<i>sweetener</i>
927a	Azodicarbonamide	Flour treatment agent	<i>flour treatment agent</i>
122	Azorubine (carmoisine)	Colour	<i>colour</i>
408	Baker's yeast glycan	Gelling agent	<i>gelling agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
901	Beeswax	Carrier	<i>carrier</i>
		Emulsifier	<i>clouding agent</i>
		Glazing agent	<i>coating agent</i>
		Stabilizer	<i>glazing agent</i>
		Thickener	<i>stabilizer</i>
		Thickener	<i>texturing agent</i> <i>thickener</i>
162	Beet red	Colour	<i>colour</i>
558	Bentonite	Anticaking agent	<i>anticaking agent</i>
210	Benzoic acid	Preservative	<i>preservative</i>
906	Benzoin gum	Glazing agent	<i>glazing agent</i>
		Bleaching agent	<i>bleaching agent</i>
		Flour treatment agent	<i>flour treatment agent</i>
928	Benzoyl peroxide	Preservative	<i>preservative</i>
		Carrier	<i>carrier</i>
1519	Benzyl alcohol	Carrier	<i>carrier</i>
163(vi)	Black carrot extract	Colour	<i>colour</i>
163(iii)	Blackcurrant extract	Colour	<i>colour</i>
		Anticaking agent	<i>anticaking agent</i>
		Emulsifier	<i>emulsifier</i>
		Humectant	<i>moisture-retention agent</i>
542	Bone phosphate	Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
		Thickener	<i>thickener</i>

INS No.	Name of food additive	Functional class	Technological purpose
163(xi)	Butterfly pea flower extract	Colour	<i>colour</i>
151	Brilliant black (black PN)	Colour	<i>colour</i>
133	Brilliant blue FCF	Colour	<i>colour</i>
1101(iii)	Bromelain	Flour treatment agent	<i>flour treatment agent</i>
		Flavour enhancer	<i>flavour enhancer</i>
		Stabilizer	<i>stabilizer</i>
443	Brominated vegetable oils	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
154	Brown FK	Colour	<i>colour</i>
155	Brown HT	Colour	<i>colour</i>
943a	Butane	Propellant	<i>propellant</i>
320	Butylated hydroxyanisole	Antioxidant	<i>antioxidant</i>
321	Butylated hydroxytoluene	Antioxidant	<i>antioxidant</i>
629	Calcium 5'-guanylate	Flavour enhancer	<i>flavour enhancer</i>
633	Calcium 5'-inosinate	Flavour enhancer	<i>flavour enhancer</i>
634	Calcium 5'-ribonucleotides	Flavour enhancer	<i>flavour enhancer</i>
263	Calcium acetate	Acidity regulator	<i>acidity regulator</i>
		Preservative	<i>preservative</i>
		Stabilizer	<i>stabilizer</i>
404	Calcium alginate	Antifoaming agent	<i>antifoaming agent</i>
		Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Foaming agent	<i>foaming agent</i>
		Gelling agent	<i>gelling agent</i>
		Glazing agent	<i>glazing agent</i>
		Humectant	<i>humectant</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
Thickener	<i>thickener</i>		
556	Calcium aluminium silicate	Anticaking agent	<i>anticaking agent</i>
302	Calcium ascorbate	Antioxidant	<i>antioxidant</i>
213	Calcium benzoate	Preservative	<i>preservative</i>
170(i)	Calcium carbonate	Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>
		Colour	<i>surface colourant</i>
		Firming agent	<i>firming agent</i>
		Flour treatment agent	<i>dough conditioner</i>
		Stabilizer	<i>stabilizer</i>

INS No.	Name of food additive	Functional class	Technological purpose
170	Calcium carbonates		
		Firming agent	<i>firming agent</i>
509	Calcium chloride	Stabilizer	<i>stabilizer synergist</i>
		Thickener	<i>thickener synergist</i>
333	Calcium citrates		
952(ii)	Calcium cyclamate	Sweetener	<i>sweetener</i>
		Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
450(vii)	Calcium dihydrogen diphosphate	Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Firming agent	<i>firming agent</i>
		Flour treatment agent	<i>dough conditioner</i> <i>flour treatment agent</i>
341(i)	Calcium dihydrogen phosphate	Humectant	<i>humectant</i> <i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
623	Calcium di-L-glutamate	Flavour enhancer	<i>flavour enhancer</i>
		Antioxidant	<i>antioxidant</i>
385	Calcium disodium ethylenediaminetetraacetate	Colour-retention agent	<i>Colour-retention agent</i>
		Preservative	<i>preservative</i>
		Sequestrant	<i>sequestrant</i>
538	Calcium ferrocyanide	Anticaking agent	<i>anticaking agent</i>
238	Calcium formate	Preservative	<i>preservative</i>
367	Calcium fumarates	Acidity regulator	<i>acidity regulator</i>
		Acidity regulator	<i>acidity regulator</i>
578	Calcium gluconate	Firming agent	<i>firming agent</i>
		Sequestrant	<i>sequestrant</i>

INS No.	Name of food additive	Functional class	Technological purpose		
383	Calcium glycerophosphate	Gelling agent	<i>gelling agent</i>		
		Stabilizer	<i>stabilizer</i>		
		Thickener	<i>thickener</i>		
170(ii)	Calcium hydrogen carbonate	Acidity regulator	<i>acidity regulator</i>		
		Anticaking agent	<i>anticaking agent</i>		
		Colour	<i>surface colourant</i>		
		Firming agent	<i>firming agent</i>		
		Flour treatment agent	<i>dough conditioner</i>		
		Stabilizer	<i>stabilizer</i>		
352(i)	Calcium hydrogen malate	Acidity regulator	<i>acidity regulator</i>		
		Acidity regulator	<i>acidity regulator</i>		
341(ii)	Calcium hydrogen phosphate	Anticaking agent	<i>anticaking agent</i>		
		Emulsifying salt	<i>emulsifying salt</i>		
		Firming agent	<i>firming agent</i>		
		Flour treatment agent	<i>dough conditioner</i> <i>flour treatment agent</i>		
		Humectant	<i>humectant</i> <i>moisture-retention agent</i>		
		Raising agent	<i>raising agent</i>		
		Stabilizer	<i>stabilizer</i>		
		Thickener	<i>texturizing agent</i>		
		227	Calcium hydrogen sulphite	Antioxidant	<i>antioxidant</i>
				Preservative	<i>preservative</i>
526	Calcium hydroxide	Acidity regulator	<i>acidity regulator</i>		
		Firming agent	<i>firming agent</i>		
916	Calcium iodate	Flour treatment agent	<i>flour treatment agent</i>		
318	Calcium isoascorbate	Antioxidant	<i>antioxidant</i>		
327	Calcium lactate	Acidity regulator	<i>acidity regulator</i>		
		Emulsifying salt	<i>emulsifying salt</i>		
		Flour treatment agent	<i>flour treatment agent</i>		
		Firming agent	<i>firming agent</i>		
399	Calcium lactobionate	Thickener	<i>thickener</i>		
		Stabilizer	<i>stabilizer</i>		
482	Calcium lactylates				
1522	Calcium lignosulfonate, 40-65	Carrier	<i>carrier</i> <i>encapsulating agent</i>		

INS No.	Name of food additive	Functional class	Technological purpose
352(ii)	Calcium malate, D,L-	Acidity regulator	<i>acidity regulator</i>
352	Calcium malates		
482(ii)	Calcium oleyl lactylate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
529	Calcium oxide	Acidity regulator	<i>acidity regulator</i>
		Flour treatment agent	<i>dough conditioner</i> <i>flour treatment agent</i>
930	Calcium peroxide	Flour treatment agent	<i>flour treatment agent</i>
341	Calcium phosphates		
452(iv)	Calcium polyphosphate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
282	Calcium propionate	Preservative	<i>preservative</i>
954(ii)	Calcium saccharin	Sweetener	<i>sweetener</i>
552	Calcium silicate	Anticaking agent	<i>anticaking agent</i>
203	Calcium sorbate	Preservative	<i>preservative</i>
486	Calcium stearoyl fumarate	Emulsifier	<i>emulsifier</i>
		Emulsifier	<i>emulsifier</i>
482(i)	Calcium stearoyl lactylate	Flour treatment agent	<i>dough conditioners</i>
		Foaming agent	<i>whipping agent</i>
		Stabilizer	<i>stabilizer</i>
516	Calcium sulphate	Acidity regulator	<i>acidity regulator</i>
		Firming agent	<i>firming agent</i>
		Flour treatment agent	<i>flour treatment agent</i>
		Sequestrant	<i>sequestrant</i>
226	Calcium sulphite	Stabilizer	<i>stabilizer</i>
		Antioxidant	<i>antioxidant</i>
354	Calcium tartrate, DL-	Preservative	<i>preservative</i>
		Acidity regulator	<i>acidity regulator</i>

INS No.	Name of food additive	Functional class	Technological purpose
902	Candelilla wax	Carrier	<i>carrier</i>
		Emulsifier	<i>clouding agent</i>
		Glazing agent	<i>glazing agent</i>
			<i>surface finishing agent</i>
	Thickener	<i>texturizing agent</i>	
161g	Canthaxanthin	Colour	<i>colour</i>
150a	Caramel I – plain caramel	Colour	<i>colour</i>
150b	Caramel II – sulphite caramel	Colour	<i>colour</i>
150c	Caramel III – ammonia caramel	Colour	<i>colour</i>
150d	Caramel IV – sulphite ammonia caramel	Colour	<i>colour</i>
150	Caramels		
1100(vi)	Carbohydrase from <i>Bacillus licheniformis</i>	Flour treatment agent	flour treatment agent
152	Carbon black (hydrocarbon)	Colour	<i>colour</i>
290	Carbon dioxide	Carbonating agent	<i>carbonating agent</i>
		Foaming agent	<i>foaming agent</i>
		Packaging gas	<i>packaging gas</i>
		Preservative	<i>preservative</i>
	Propellant	<i>propellant</i>	
120	Carmines	Colour	<i>colour</i>
903	Carnauba wax	Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>
		Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Glazing agent	<i>glazing agent</i>
410	Carob bean gum	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
160e	Carotenal, <i>beta</i> -apo-8'-	Colour	<i>colour</i>
160a	Carotenes		
160a(iv)	β -carotene- rich extract from <i>Dunaliella salina</i>	Colour	<i>colour</i>
160a(iii)	Carotenes, <i>beta</i> -, <i>Blakeslea trispora</i>	Colour	<i>colour</i>
160a (i)	Carotenes, <i>beta</i> -, synthetic	Colour	<i>colour</i>
160a(ii)	Carotenes, <i>beta</i> -, vegetable	Colour	<i>colour</i>

INS No.	Name of food additive	Functional class	Technological purpose
160f	Carotenoic acid, ethyl ester, <i>beta</i> -apo-8'-	Colour	<i>colour</i>
		Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Gelling agent	<i>gelling agent</i>
407	Carrageenan	Glazing agent	<i>coating agent</i> <i>glazing agent</i>
		Humectant	<i>humectant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
105	Carthamus yellow	Colour	<i>colour</i>
		Emulsifier	<i>emulsifier</i>
		Gelling agent	<i>gelling agent</i>
		Humectant	<i>moisture-retention agent</i>
427	Cassia gum	Stabilizer	<i>foam stabilizer</i> <i>stabilizer</i>
		Thickener	<i>texturizing agent</i> <i>thickener</i>
		Anticaking agent	<i>anticaking agent</i>
		Carrier	<i>carrier solvent</i>
1503	Castor oil	Emulsifier	<i>emulsifier</i> <i>plasticizer</i>
		Glazing agent	<i>glazing agent</i>
460	Celluloses		
925	Chlorine	Flour treatment agent	<i>flour bleaching agent</i>
926	Chlorine dioxide	Flour treatment agent	<i>flour treatment agent</i>
945	Chloropentafluorethane	Propellant	<i>propellant</i>
141(ii)	Chlorophyllins, copper complexes, potassium and sodium salts	Colour	<i>colour</i>
140	Chlorophylls	Colour	<i>colour</i>
141	Chlorophylls and chlorophyllins, copper complexes		
141(i)	Chlorophylls, copper complexes	Colour	<i>colour</i>
1000	Cholic acid	Emulsifier	<i>emulsifier</i>
1001(i)	Choline acetate	Emulsifier	<i>emulsifier</i>
1001(ii)	Choline carbonate	Emulsifier	<i>emulsifier</i>

INS No.	Name of food additive	Functional class	Technological purpose
1001(iii)	Choline chloride	Emulsifier	<i>emulsifier</i>
1001(iv)	Choline citrate	Emulsifier	<i>emulsifier</i>
1001(vi)	Choline lactate	Emulsifier	<i>emulsifier</i>
1001	Choline salts and esters		
1001(v)	Choline tartrate	Emulsifier	<i>emulsifier</i>
330	Citric acid	Acidity regulator	<i>acidity regulator</i>
		Antioxidant	<i>antioxidant</i>
		Colour retention agent	<i>colour retention agent</i>
		Sequestrant	<i>sequestrant</i>
		Antioxidant	<i>antioxidant synergist</i>
		Emulsifier	<i>emulsifier</i>
472c	Citric and fatty acid esters of glycerol	Flour treatment agent	<i>dough conditioner</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
121	Citrus red No. 2	Colour	<i>colour</i>
468	Cross-linked sodium carboxymethyl cellulose (cross-linked cellulose gum)	Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i>
519	Cupric sulphate	Colour retention agent	<i>colour fixative</i>
		Preservative	<i>preservative</i>
100(i)	Curcumin	Colour	<i>colour</i>
100	Curcumins		
424	Curdlan	Firming agent	<i>firming agent</i>
		Gelling agent	<i>gelling agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
952	Cyclamates		
952(i)	Cyclamic acid	Sweetener	<i>sweetener</i>
457	Cyclodextrin, <i>alpha</i> -	Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i>
459	Cyclodextrin, <i>beta</i> -	Carrier	<i>carrier</i>
		Stabilizer	<i>stabilizer</i>
458	Cyclodextrin, <i>gamma</i> -	Thickener	<i>binder</i>
		Stabilizer	<i>stabilizer</i>
1504(i)	Cyclotetraglucose	Carrier	<i>carrier</i>
1504(ii)	Cyclotetraglucose syrup	Carrier	<i>carrier</i>

INS No.	Name of food additive	Functional class	Technological purpose
920	Cysteine, L- and its hydrochlorides – sodium and potassium salts	Flour treatment agent	<i>flour treatment agent</i>
921	Cystine, L- and its hydrochlorides sodium and potassium salts	Flour treatment agent	<i>flour treatment agent</i>
265	Dehydroacetic acid	Preservative	<i>preservative</i>
472e	Diacetyltartaric and fatty acid esters of glycerol	Emulsifier	<i>emulsifier</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
342(ii)	Diammonium hydrogen phosphate	Acidity regulator	<i>acidity regulator</i>
		Flour treatment agent	<i>flour treatment agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
		Raising agent	<i>raising agent</i>
333(ii)	Dicalcium citrate	Acidity regulator	<i>acidity regulator</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Firming agent	<i>firming agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
450(vi)	Dicalcium diphosphate	Acidity regulator	<i>acidity regulator</i>
			<i>buffering agent</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Firming agent	<i>firming agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
Thickener	<i>texturizing agent</i>		
940	Dichlorodifluoromethane	Propellant	<i>propellant</i>
389	Dilauryl thiodipropionate	Antioxidant	<i>antioxidant</i>
		Acidity regulator	<i>acidity regulator</i>
		Flour treatment agent	<i>dough conditioner</i>
		Emulsifier	<i>emulsifier</i>
450(viii)	Dimagnesium diphosphate	Firming agent	<i>firming agent</i>
		Raising agent	<i>raising agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
242	Dimethyl dicarbonate	Preservative	<i>preservative</i>

INS No.	Name of food additive	Functional class	Technological purpose
480	Diocetyl sodium sulfosuccinate	Emulsifier	<i>emulsifier</i>
		Humectant	<i>wetting agent</i>
230	Diphenyl	Preservative	<i>preservative</i>
450	Diphosphates		
628	Dipotassium 5'-guanylate	Flavour enhancer	<i>flavour enhancer</i>
450(iv)	Dipotassium diphosphate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
340(ii)	Dipotassium hydrogen phosphate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Humectant	<i>humectant</i>
		Humectant	<i>moisture-retention agent</i>
336(ii)	Dipotassium tartrate	Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
		Acidity regulator	<i>acidity regulator</i>
		Emulsifying salt	<i>emulsifying salt</i>
627	Disodium 5'-guanylate	Flavour enhancer	<i>flavour enhancer</i>
631	Disodium 5'-inosinate	Flavour enhancer	<i>flavour enhancer</i>
635	Disodium 5'-ribonucleotides	Flavour enhancer	<i>flavour enhancer</i>
450(i)	Disodium diphosphate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>

INS No.	Name of food additive	Functional class	Technological purpose
386	Disodium ethylenediaminetetraacetate	Thickener	<i>texturizing agent</i>
		Antioxidant	<i>antioxidant</i>
		Colour retention agent	<i>colour stabilizer</i>
		Preservative	<i>preservative</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
339(ii)	Disodium hydrogen phosphate	Acidity regulator	<i>acidity regulator</i>
			<i>buffer</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Humectant	<i>humectant</i>
			<i>moisture-retention agent</i>
		Sequestrant	<i>sequestrant</i>
331(ii)	Disodium monohydrogen citrate	Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
		Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
364(ii)	Disodium succinate	Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Acidity regulator	<i>acidity regulator</i>
390	Distearyl thiodipropionate	Flavour enhancer	<i>flavour enhancer</i>
312	Dodecyl gallate	Antioxidant	<i>antioxidant</i>
163(ix)	Elderberry colour	Antioxidant	<i>antioxidant</i>
960c	Enzymatically produced steviol glycosides	Colour	<i>colour</i>
315	Erythorbic acid (isoascorbic acid)	Sweetener	<i>sweetener</i>
		Antioxidant	<i>antioxidant</i>
968	Erythritol	Flavour enhancer	<i>flavour enhancer</i>
		Humectant	<i>humectant</i>
		Sweetener	<i>sweetener</i>
127	Erythrosine	Colour	<i>colour</i>
488	Ethoxylated mono- and di-glycerides	Emulsifier	<i>emulsifier</i>
324	Ethoxyquin	Antioxidant	<i>antioxidant</i>
		Binder	<i>binder</i>
		Bulking agent	<i>filler</i>
462	Ethyl cellulose	Carrier	<i>diluent for other food additives</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Glazing agent	<i>coating agent</i> <i>glazing agent</i>
		Thickener	<i>thickener</i>
313	Ethyl gallate	Antioxidant	<i>antioxidant</i>
		Emulsifier	<i>emulsifier</i>
467	Ethyl hydroxyethyl cellulose	Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
637	Ethyl maltol	Flavour enhancer	<i>flavour enhancer</i>
214	Ethyl para-hydroxybenzoate	Preservative	<i>preservative</i>
143	Fast green FCF	Colour	<i>colour</i>
		Antifoaming agent	<i>antifoaming agent</i>
570	Fatty acids	Glazing agent	<i>glazing agent</i>
		Stabilizer	<i>foam stabilizer</i>
381	Ferric ammonium citrate	Anticaking agent	<i>anticaking agent</i>
		Colour	<i>colour</i>
453	Ferric(III)-orthophosphate	Carrier	<i>carrier</i>
454	Ferric(III)-pyrophosphate	Carrier	<i>carrier</i>
505	Ferrous carbonate	Acidity regulator	<i>acidity regulator</i>
579	Ferrous gluconate	Colour retention agent	<i>colour retention agent</i> <i>colour stabilizer</i>
537	Ferrous hexacyanomanganate	Anticaking agent	<i>anticaking agent</i>
585	Ferrous lactate	Colour retention agent	<i>colour retention agent</i>
		Flour treatment agent	<i>flour treatment agent</i>
1101(iv)	Ficin	Flavour enhancer	<i>flavour enhancer</i>
		Stabilizer	<i>stabilizer</i>
161a	Flavoxanthin	Colour	<i>colour</i>
240	Formaldehyde	Preservative	<i>preservative</i>
236	Formic acid	Preservative	<i>preservative</i>
297	Fumaric acid	Acidity regulator	<i>acidity regulator</i>
165	Gardenia blue	Colour	<i>colour</i>
164	Gardenia yellow	Colour	<i>colour</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
428	Gelatin	Gelling agent	<i>gelling agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>

INS No.	Name of food additive	Functional class	Technological purpose
418	Gellan gum	Gelling agent	<i>gelling agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
574	Gluconic acid, D-	Acidity regulator	<i>acidity regulator</i>
		Raising agent	<i>raising agent</i>
575	Glucono delta-lactone	Acidity regulator	<i>acidity regulator</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
1102	Glucose oxidase	Antioxidant	<i>antioxidant</i>
960d	Glucosylated steviol glycosides	Sweetener	<i>sweetener</i>
620	Glutamic acid, L(+)-	Flavour enhancer	<i>flavour enhancer</i>
422	Glycerol	Humectant	<i>humectant</i>
		Thickener	<i>bodying agent</i>
1517	Glycerol diacetate	Carrier	<i>carrier</i>
445(i)	Glycerol ester of gum rosin	Emulsifier	<i>density adjustment agent</i>
			<i>emulsifier</i>
445(ii)	Glycerol ester of tall oil rosin	Emulsifier	<i>density adjustment agent</i>
			<i>emulsifier</i>
445(iii)	Glycerol ester of wood rosin	Emulsifier	<i>density adjustment agent</i>
		Stabilizer	<i>emulsifier</i>
445	Glycerol esters of rosin		
915	Glycerol, methyl, or pentaerythritol esters of colophane	Glazing agent	<i>glazing agent</i>
640	Glycine	Flavour enhancer	<i>flavour enhancer</i>
958	Glycyrrhizin	Flavour enhancer	<i>flavour enhancer</i>
		Sweetener	<i>sweetener</i>
175	Gold, metallic	Colour	<i>colour</i>
163(ii)	Grape skin extract	Colour	<i>colour</i>
142	Green S	Colour	<i>colour</i>
314	Guaiac resin	Antioxidant	<i>antioxidant</i>
626	Guanylic acid, 5'-	Flavour enhancer	<i>flavour enhancer</i>
		Emulsifier	<i>emulsifier</i>
412	Guar gum	Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>

INS No.	Name of food additive	Functional class	Technological purpose
414	Gum arabic (acacia gum)	Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Glazing agent	<i>glazing agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
419	Gum ghatti	Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
241	Gum guaicum	Preservative	<i>preservative</i>
370	Heptonolactone, 1,4-	Acidity regulator	<i>acidity regulator</i>
		Sequestrant	<i>sequestrant</i>
209	Heptyl para-hydroxybenzoate	Preservative	<i>preservative</i>
239	Hexamethylene tetramine	Preservative	<i>preservative</i>
586	Hexylresorcinol, 4-	Antioxidant	<i>antioxidant</i>
		Colour retention agent	<i>colour retention agent</i>
163(x)	Hibiscus colour	Colour	<i>colour</i>
507	Hydrochloric acid	Acidity regulator	<i>acidity regulator</i>
949	Hydrogen	Packaging gas	<i>packaging gas</i>
907	Hydrogenated poly-1-decenes	Glazing agent	<i>glazing agent</i>
		Emulsifier	<i>emulsifier</i>
			<i>suspension agent</i>
		Foaming agent	<i>foaming agent</i>
			<i>coating agent</i>
463	Hydroxypropyl cellulose	Glazing agent	<i>film-forming agent</i>
			<i>glazing agent</i>
		Stabilizer	<i>stabilizer</i>
			<i>binder</i>
		Thickener	<i>thickener</i>
464	Hydroxypropyl methyl cellulose	Bulking agent	<i>bulking agent</i>
			<i>coating agent</i>
		Glazing agent	<i>glazing agent</i>
		Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
	Thickener	<i>thickener</i>	

INS No.	Name of food additive	Functional class	Technological purpose
132	Indigotine (indigo carmine)	Colour	<i>colour</i>
630	Inosinic acid, 5'-	Flavour enhancer	<i>flavour enhancer</i>
1103	Invertases	Stabilizer	<i>stabilizer</i>
172(i)	Iron oxide, black	Colour	<i>colour</i>
172(ii)	Iron oxide, red	Colour	<i>colour</i>
172(iii)	Iron oxide, yellow	Colour	<i>colour</i>
172	Iron oxides		
534	Iron tartrate	Anticaking agent	<i>anticaking agent</i>
943b	Isobutane	Propellant	<i>propellant</i>
		Anticaking agent	<i>anticaking agent</i>
		Bulking agent	<i>bulking agent</i>
			<i>flavour enhancer</i>
		Flavour enhancer	<i>flavour synergist</i>
953	Isomalt (hydrogenated isomaltulose)	Glazing agent	<i>glazing agent</i>
		Stabilizer	<i>stabilizer</i>
		Sweetener	<i>sweetener</i>
		Thickener	<i>texturizing agent</i>
		Antioxidant	<i>antioxidant</i>
384	Isopropyl citrates	Preservative	<i>preservative</i>
		Sequestrant	<i>sequestrant</i>
183	Jagua (genipin-glycine) blue	Colour	<i>colour</i>
		Emulsifier	<i>emulsifier</i>
416	Karaya gum	Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Gelling agent	<i>gelling agent</i>
425	Konjac flour	Glazing agent	<i>glazing agent</i>
		Humectant	<i>humectant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
161c	Kryptoxanthin	Colour	<i>colour</i>
270	Lactic acid, L-, D- and DL-	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
472b	Lactic and fatty acid esters of glycerol	Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>

INS No.	Name of food additive	Functional class	Technological purpose
966	Lactitol	Emulsifier	<i>emulsifier</i>
		Sweetener	<i>sweetener</i>
		Thickener	<i>texturizing agent</i>
478	Lactylated fatty acid esters of glycerol and propylene glycol	Emulsifier	<i>emulsifier</i>
913	Lanolin	Glazing agent	<i>glazing agent</i>
243	Lauric arginate ethyl ester	Preservative	<i>antimicrobial preservative</i>
			<i>preservative</i>
322(i)	Lecithin	Antioxidant	<i>antioxidant</i>
			<i>antioxidant synergist</i>
		Emulsifier	<i>emulsifier</i>
		Flour treatment agent	<i>flour treatment agent</i>
344	Lecithin citrate	Preservative	<i>preservative</i>
322(ii)	Lecithin, partially hydrolysed	Antioxidant	<i>antioxidant</i>
		Emulsifier	<i>emulsifier</i>
322 Lecithins			
322(iii)	Lecithin, hydroxylated	Antioxidant	<i>antioxidant</i>
		Emulsifier	<i>emulsifier</i>
641	Leucine, L-	Flavour enhancer	<i>flavour enhancer</i>
1104	Lipases	Flavour enhancer	<i>flavour enhancer</i>
180	Lithol rubine BK	Colour	<i>colour</i>
161b(iii)	Lutein esters from <i>Tagetes erecta</i>	Colour	<i>colour</i>
161b(i)	Lutein from <i>Tagetes erecta</i>	Colour	<i>colour</i>
161b Luteins			
160d(iii)	Lycopene, <i>Blakeslea trispora</i>	Colour	<i>colour</i>
160d(i)	Lycopene, synthetic	Colour	<i>colour</i>
160d(ii)	Lycopene, tomato	Colour	<i>colour</i>
160d Lycopenes			
642	Lysin hydrochloride	Flavour enhancer	<i>flavour enhancer</i>
1105	Lysozyme	Preservative	<i>preservative</i>
504(i)	Magnesium carbonate	Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>
		Colour retention agent	<i>colour retention agent</i>
		Flour treatment agent	<i>flour treatment agent</i>
504 Magnesium carbonates			

INS No.	Name of food additive	Functional class	Technological purpose
511	Magnesium chloride	Colour retention agent	<i>colour retention agent</i>
		Firming agent	<i>firming agent</i>
		Stabilizer	<i>stabilizer</i>
345	Magnesium citrate	Acidity regulator	<i>acidity regulator</i>
450(ix)	Magnesium dihydrogen diphosphate	Acid regulator	<i>acidifier</i> <i>acid regulator</i>
		Raising agent	<i>raising agent</i>
		Stabilizer	<i>stabilizer</i>
343(i)	Magnesium dihydrogen phosphate	Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Stabilizer	<i>stabilizer</i>
625	Magnesium di-L-glutamate	Flavour enhancer	<i>flavour enhancer</i>
		Acidity regulator	<i>acidity regulator</i>
		Firming agent	<i>firming agent</i>
		Flavour enhancer	<i>flavour enhancer</i>
343(ii)	Magnesium hydrogen phosphate	Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Raising agent	<i>raising agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
528	Magnesium hydroxide	Acidity regulator	<i>acidity regulator</i>
		Colour retention agent	<i>colour retention agent</i>
504(ii)	Magnesium hydroxide carbonate	Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i> <i>drying agent</i>
		Carrier	<i>carrier</i>
		Colour retention agent	<i>colour retention agent</i>
		Acidity regulator	<i>acidity regulator</i>
329	Magnesium lactate, DL-	Flour treatment agent	<i>flour treatment agent</i>
		Anticaking agent	<i>anticaking agent</i>
530	Magnesium oxide	Acid regulator	<i>acid regulator</i>
		Acid regulator	<i>acid regulator</i>
343	Magnesium phosphates		
553(i)	Magnesium silicate, synthetic	Anticaking agent	<i>anticaking agent</i>

INS No.	Name of food additive	Functional class	Technological purpose
			<i>dusting agent</i>
553	Magnesium silicates		
		Anticaking agent	<i>anticaking agent</i>
470(iii)	Magnesium stearate	Emulsifier	<i>emulsifier</i>
		Thickener	<i>binder</i>
518	Magnesium sulphate	Firming agent	<i>firming agent</i>
		Flavour enhancer	<i>flavour enhancer</i>
553(ii)	Magnesium trisilicate	Anticaking agent	<i>anticaking agent</i> <i>dusting agent</i>
296	Malic acid, DL-	Acidity regulator	<i>acidity regulator</i>
		Sequestrant	<i>sequestrant</i>
965(i)	Maltitol	Bulking agent	<i>bulking agent</i>
		Emulsifier	<i>emulsifier</i>
		Humectant	<i>humectant</i>
		Sweetener	<i>sweetener</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i> <i>thickener</i>
965(ii)	Maltitol syrup	Bulking agent	<i>bulking agent</i>
		Emulsifier	<i>emulsifier</i>
		Humectant	<i>humectant</i>
		Stabilizer	<i>stabilizer</i>
		Sweetener	<i>sweetener</i>
		Thickener	<i>texturizing agent</i> <i>thickener</i>
965	Maltitols		
636	Maltol	Flavour enhancer	<i>flavour enhancer</i>
130	Manascorubin	Colour	<i>colour</i>
421	Mannitol	Anticaking agent	<i>anticaking agent</i>
		Bulking agent	<i>bulking agent</i>
		Humectant	<i>humectant</i>
		Stabilizer	<i>stabilizer</i>
		Sweetener	<i>sweetener</i>
		Thickener	<i>texturizing agent</i>
353	Metatartaric acid	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
1205	Methacrylate copolymer, anionic	Glazing agent	<i>glazing agent</i>
		Carrier	<i>carrier</i>
			<i>encapsulating agent</i>
1206	Methacrylate copolymer, basic	Glazing agent	<i>glazing agent</i>
1207	Methacrylate copolymer, neutral	Glazing agent	<i>coating agent</i>
			<i>glazing agent</i>
		Bulking agent	<i>bulking agent</i>
			<i>coating agent</i>
461	Methyl cellulose	Glazing agent	<i>glazing agent</i>
		Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
911	Methyl esters of fatty acids	Glazing agent	<i>glazing agent</i>
		Emulsifier	<i>emulsifier</i>
465	Methyl ethyl cellulose	Foaming agent	<i>foaming agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
489	Methyl glucoside-coconut oil ester	Emulsifier	<i>emulsifier</i>
218	Methyl para-hydroxybenzoate	Preservative	<i>preservative</i>
900b	Methylphenylpolysiloxane	Antifoaming agent	<i>antifoaming agent</i>
		Anticaking agent	<i>anticaking agent</i>
		Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
			<i>coating agent</i>
		Glazing agent	<i>glazing agent</i>
460(i)	Microcrystalline cellulose (cellulose gel)		<i>dispersing agent</i>
		Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>foaming agent</i>
		Stabilizer	<i>stabilizer</i>
			<i>texturizing agent</i>
		Thickener	<i>thickener</i>
905c(i)	Microcrystalline wax	Antifoaming agent	<i>defoaming agent</i>
		Glazing agent	<i>glazing agent</i>
905a	Mineral oil, food grade	Glazing agent	<i>glazing agent</i>

INS No.	Name of food additive	Functional class	Technological purpose
			<i>sealing agent</i>
		Antifoaming agent	<i>defoaming agent</i>
905d	Mineral oil, high viscosity	Glazing agent	<i>glazing agent</i> <i>sealing agent</i>
905e	Mineral oil, medium and low viscosity, class I	Glazing agent	<i>glazing agent</i> <i>sealing agent</i>
905f	Mineral oil, medium viscosity	Glazing agent	<i>glazing agent</i> <i>sealing agent</i>
905g	Mineral oil, medium and low viscosity, class III	Glazing agent	<i>glazing agent</i> <i>sealing agent</i>
		Antifoaming agent	<i>antifoaming agent</i>
		Emulsifier	<i>emulsifier</i>
471	Mono- and di- glycerides of fatty acids	Glazing agent	<i>glazing agent</i> <i>surface-finishing agent</i>
		Stabilizer	<i>stabilizer</i>
624	Monoammonium L-glutamate	Flavour enhancer	<i>flavour enhancer</i>
		Acidity regulator	<i>acidity regulator</i>
		Emulsifying salt	<i>emulsifying salt</i>
333(i)	Monocalcium citrate	Firming agent	<i>firming agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
622	Monopotassium L-glutamate	Flavour enhancer	<i>flavour enhancer</i>
		Acidity regulator	<i>acidity regulator</i>
		Emulsifying salt	<i>emulsifying salt</i>
336(i)	Monopotassium tartrate	Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
621	Monosodium L-glutamate	Flavour enhancer	<i>flavour enhancer</i>
		Acidity regulator	<i>acidity regulator</i>
364(i)	Monosodium succinate	Flavour enhancer	<i>flavour enhancer</i>
		Acidity regulator	<i>acidity regulator</i>
		Emulsifying salt	<i>emulsifying salt</i>
335 (i)	Monosodium tartrate	Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
235	Natamycin (Pimaricin)	Preservative	<i>preservative</i>
959	Neohesperidine dihydrochalcone	Sweetener	<i>sweetener</i>
961	Neotame	Flavour enhancer	<i>flavour enhancer</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Sweetener	<i>sweetener</i>
375	Nicotinic acid	Colour retention agent	<i>colour retention agent</i>
234	Nisin	Preservative	<i>preservative</i>
941	Nitrogen	Foaming agent	<i>foaming agent</i>
		Packaging gas	<i>packaging gas</i>
		Propellant	<i>propellant</i>
918	Nitrogen oxides	Flour treatment agent	<i>flour treatment agent</i>
919	Nitrosyl chloride	Flour treatment agent	<i>flour treatment agent</i>
942	Nitrous oxide	Antioxidant	<i>antioxidant</i>
		Foaming agent	<i>foaming agent</i>
		Packaging gas	<i>packaging gas</i>
		Propellant	<i>propellant</i>
411	Oat gum	Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
946	Octafluorocyclobutane	Propellant	<i>propellant</i>
423	Octenyl succinic acid (OSA) modified gum arabic	Emulsifier	<i>emulsifier</i>
311	Octyl gallate	Antioxidant	<i>antioxidant</i>
182	Orchil	Colour	<i>colour</i>
231	Ortho-phenylphenol	Preservative	<i>preservative</i>
387	Oxystearin	Antioxidant	<i>antioxidant</i>
		Sequestrant	<i>sequestrant</i>
1101(ii)	Papain	Flavour enhancer	<i>flavour enhancer</i>
160c(ii)	Paprika extract	Colour	<i>colour</i>
160c(i)	Paprika oleoresin	Colour	<i>colour</i>
905c(ii)	Paraffin wax	Glazing agent	<i>glazing agent</i>
131	Patent blue V	Colour	<i>colour</i>
440	Pectins	Emulsifier	<i>emulsifier</i>
		Gelling agent	<i>gelling agent</i>
		Glazing agent	<i>glazing agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
451(ii)	Pentapotassium triphosphate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Humectant	<i>moisture-retention agent</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
		Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
451(i)	Pentasodium triphosphate	Humectant	<i>moisture-retention agent</i>
		Sequestrant	<i>stabilizer</i>
		Stabilizer	<i>sequestrant</i>
		Thickener	<i>texturizing agent</i>
429	Peptones	Emulsifier	<i>emulsifier</i>
		Antifoaming agent	<i>antifoaming agent</i>
905b	Petroleum jelly (petrolatum)	Glazing agent	<i>glazing agent</i> <i>sealing agent</i>
905c	Petroleum wax	Glazing agent	<i>glazing agent</i> <i>sealing agent</i>
		Acidity regulator	<i>acidity regulator</i>
338	Phosphoric acid	Antioxidant	<i>antioxidant synergist</i>
		Sequestrant	<i>sequestrant</i>
391	Phytic acid	Preservative	<i>preservative</i>
		Bulking agent	<i>bulking agent</i>
		Glazing agent	<i>coating agent</i> <i>glazing agent</i>
1200	Polydextroses	Humectant	<i>humectant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i> <i>thickener</i>
		Anticaking agent	<i>anticaking agent</i>
900a	Polydimethylsiloxane	Antifoaming agent	<i>antifoaming agent</i>
		Emulsifier	<i>emulsifier</i>
		Antifoaming agent	<i>antifoaming agent</i>
		Carrier	<i>carrier</i>
1521	Polyethylene glycol	Emulsifier	<i>emulsifier</i> <i>plasticizer</i>
		Glazing agent	<i>glazing agent</i>
		Thickener	<i>binder</i>

INS No.	Name of food additive	Functional class	Technological purpose
475	Polyglycerol esters of fatty acids	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
476	Polyglycerol esters of interesterified ricinoleic acid	Emulsifier	<i>emulsifier</i>
964	Polyglycitol syrup	Sweetener	<i>sweetener</i>
432	Polyoxyethylene (20) sorbitan monolaurate	Emulsifier	<i>dispersing agent</i> <i>emulsifier</i>
		Stabilizer	<i>emulsion stabilizer</i>
433	Polyoxyethylene (20) sorbitan monooleate	Emulsifier	<i>dispersing agent</i> <i>emulsifier</i>
		Stabilizer	<i>emulsion stabilizer</i>
434	Polyoxyethylene (20) sorbitan monopalmitate	Emulsifier	<i>dispersing agent</i> <i>emulsifier</i>
		Emulsifier	<i>dispersing agent</i> <i>emulsifier</i>
435	Polyoxyethylene (20) sorbitan monostearate	Emulsifier	<i>dispersing agent</i> <i>emulsifier</i>
		Stabilizer	<i>emulsion stabilizer</i>
436	Polyoxyethylene (20) sorbitan tristearate	Emulsifier	<i>dispersing agent</i> <i>emulsifier</i>
		Stabilizer	<i>emulsion stabilizer</i>
431	Polyoxyethylene (40) stearate	Emulsifier	<i>emulsifier</i>
430	Polyoxyethylene (8) stearate	Emulsifier	<i>emulsifier</i>
452	Polyphosphates		
1203	Polyvinyl alcohol	Glazing agent	<i>coating agent</i>
			<i>sealing agent</i>
			<i>surface-finishing agent</i>
	Thickener	<i>binder</i>	
1209	Polyvinyl alcohol (PVA)-polyethylene glycol (PEG) graft co-polymer	Glazing agent	<i>glazing agent</i>
		Stabilizer	<i>stabilizer</i> <i>binder</i>
1201	Polyvinylpyrrolidone	Emulsifier	<i>dispersing agent</i>
		Glazing agent	<i>coating agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>bodying agent</i>
1202	Polyvinylpyrrolidone, insoluble	Colour retention agent	<i>colour stabilizer</i>
		Stabilizer	<i>colloidal stabilizer</i> <i>stabilizer</i>

INS No.	Name of food additive	Functional class	Technological purpose
1208	Polyvinylpyrrolidone-vinyl acetate copolymer	Glazing agent	<i>glazing agent</i>
124	Ponceau 4R (cochineal red A)	Colour	<i>colour</i>
125	Ponceau SX	Colour	<i>colour</i>
357	Potassium adipates	Acidity regulator	<i>acidity regulator</i>
632	Potassium 5'-inosinate	Flavour enhancer	<i>flavour enhancer</i>
261(i)	Potassium acetate	Acidity regulator	<i>acidity regulator</i>
		Preservative	<i>preservative</i>
261	Potassium acetates		
357	Potassium adipates	Acidity regulator	<i>acidity regulator</i>
		Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>foaming agent</i>
		Gelling agent	<i>gelling agent</i>
		Glazing agent	<i>glazing agent</i>
		Thickener	<i>thickener</i>
402	Potassium alginate	Humectant	<i>humectant</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
		Anticaking agent	<i>anticaking agent</i>
		Carrier	<i>carrier</i>
		Carrier	<i>carrier</i>
176	Potassium aluminium silicate-based pearlescent pigments (PAS-BPP)		
176(i)	Potassium aluminium silicate-based pearlescent pigments coated with titanium dioxide, Type I	Colour	<i>colour</i>
176(ii)	Potassium aluminium silicate-based pearlescent pigments coated with iron oxide, Type II	Colour	<i>colour</i>
176(iii)	Potassium aluminium silicate-based pearlescent pigments coated with titanium dioxide and iron oxide, Type III	Colour	<i>colour</i>
303	Potassium ascorbate	Antioxidant	<i>antioxidant</i>
212	Potassium benzoate	Preservative	<i>preservative</i>
228	Potassium bisulphite	Antioxidant	<i>antioxidant</i>
		Preservative	<i>preservative</i>
501	Potassium carbonates		
501(i)	Potassium carbonate	Acidity regulator	<i>acidity regulator</i>
		Stabilizer	<i>stabilizer</i>

INS No.	Name of food additive	Functional class	Technological purpose
508	Potassium chloride	Firming agent	<i>firming agent</i>
		Flavour enhancer	<i>flavour enhancer</i>
		Stabilizer	<i>stabilizer synergist</i>
		Thickener	<i>Thickener synergist</i>
332	Potassium citrates		
261(ii)	Potassium diacetate	Acidity regulator	<i>acidity regulator</i>
		Preservative	<i>preservative</i>
332(i)	Potassium dihydrogen citrate	Acidity regulator	<i>acidity regulator</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
340(i)	Potassium dihydrogen phosphate	Acidity regulator	<i>acidity regulator</i>
			<i>buffer</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Humectant	<i>humectant</i>
			<i>moisture-retention agent</i>
		Sequestrant	<i>sequestrant</i>
Stabilizer	<i>stabilizer</i>		
Thickener	<i>texturizing agent</i>		
536	Potassium ferrocyanide	Anticaking agent	<i>anticaking agent</i>
366	Potassium fumarates	Acidity regulator	<i>acidity regulator</i>
577	Potassium gluconate	Acidity regulator	<i>acidity regulator</i>
		Sequestrant	<i>sequestrant</i>
501(ii)	Potassium hydrogen carbonate	Acidity regulator	<i>acidity regulator</i>
		Raising agent	<i>raising agent</i>
		Stabilizer	<i>stabilizer</i>
351(i)	Potassium hydrogen malate	Acidity regulator	<i>acidity regulator</i>
515(ii)	Potassium hydrogen sulphate	Acidity regulator	<i>acidity regulator</i>
525	Potassium hydroxide	Acidity regulator	<i>acidity regulator</i>
917	Potassium iodate	Flour treatment agent	<i>flour treatment agent</i>
317	Potassium isoascorbate	Antioxidant	<i>antioxidant</i>
326	Potassium lactate	Acidity regulator	<i>acidity regulator</i>
		Antioxidant	<i>antioxidant synergist</i>
		Emulsifier	<i>emulsifier</i>
		Humectant	<i>humectant</i>
351(ii)	Potassium malate	Acidity regulator	<i>acidity regulator</i>

INS No.	Name of food additive	Functional class	Technological purpose
351	Potassium malates		
		Antioxidant	<i>antioxidant</i>
224	Potassium metabisulphite	Bleaching agent	<i>bleaching agent</i>
		Flour treatment agent	<i>flour treatment agent</i>
		Preservative	<i>preservative</i>
252	Potassium nitrate	Colour retention agent	<i>colour fixative</i>
		Preservative	<i>preservative</i>
249	Potassium nitrite	Colour retention agent	<i>colour fixative</i>
		Preservative	<i>preservative</i>
922	Potassium persulphate	Flour treatment agent	<i>flour treatment agent</i>
456	Potassium polyaspartate	Stabilizer	<i>stabilizer</i>
340	Potassium phosphates		
		Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
452(ii)	Potassium polyphosphate	Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
283	Potassium propionate	Preservative	<i>preservative</i>
954(iii)	Potassium saccharin	Sweetener	<i>sweetener</i>
560	Potassium silicate	Anticaking agent	<i>anticaking agent</i>
		Acidity regulator	<i>acidity regulator</i>
		Emulsifying salt	<i>emulsifying salt</i>
337	Potassium sodium L(+)-tartrate	Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
202	Potassium sorbate	Preservative	<i>preservative</i>
515(i)	Potassium sulphate	Acidity regulator	<i>acidity regulator</i>
515	Potassium sulphates		
		Antioxidant	<i>antioxidant</i>
225	Potassium sulphite	Preservative	<i>preservative</i>
336	Potassium tartrates		

INS No.	Name of food additive	Functional class	Technological purpose
		Anticaking agent	<i>anticaking agent</i>
		Bulking agent	<i>bulking agent</i>
		Glazing agent	<i>coating agent</i> <i>glazing agent</i>
460(ii)	Powdered cellulose	Emulsifier	<i>dispersing agent</i> <i>emulsifier</i>
		Humectant	<i>humectant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i> <i>thickener</i>
		Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Gelling agent	<i>gelling agent</i>
407a	Processed eucheama seaweed (PES)	Glazing agent	<i>coating agent</i> <i>glazing agent</i>
		Humectant	<i>humectant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
944	Propane	Propellant	<i>propellant</i>
280	Propionic acid	Preservative	<i>preservative</i>
310	Propyl gallate	Antioxidant	<i>antioxidant</i>
216	Propyl para-hydroxybenzoate	Preservative	<i>preservative</i>
		Emulsifier	<i>dispersing agent</i>
		Carrier	<i>carrier</i> <i>carrier solvent</i>
1520	Propylene glycol	Glazing agent	<i>glazing agent</i>
		Humectant	<i>humectant</i> <i>wetting agent</i>

INS No.	Name of food additive	Functional class	Technological purpose
405	Propylene glycol alginate	Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>foaming agent</i>
		Gelling agent	<i>gelling agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
477	Propylene glycol esters of fatty acids	Emulsifier	<i>emulsifier</i>
1101	Proteases		
1101(i)	Protease from <i>Aspergillus oryzae</i> . Var	Flour treatment agent	<i>flour treatment agent</i>
		Flavour enhancer	<i>flavour enhancer</i>
		Stabilizer	<i>stabilizer</i>
1101(vi)	Protease from <i>Bacillus subtilis</i>	Flour treatment agent	<i>flour treatment agent</i>
		Flavour enhancer	<i>flavour enhancer</i>
		Stabilizer	<i>stabilizer</i>
1101(v)	Protease from <i>Streptomyces fradiae</i>	Flour treatment agent	<i>flour treatment agent</i>
		Flavour enhancer	<i>flavour enhancer</i>
		Stabilizer	<i>stabilizer</i>
1204	Pullulan	Glazing agent	<i>film-forming agent</i> <i>glazing agent</i>
		Thickener	<i>thickener</i>
163(iv)	Purple corn colour	Colour	<i>colour</i>
163(vii)	Purple sweet potato colour	Colour	<i>colour</i>
999(i)	Quillaia extract type 1	Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>foaming agent</i>
999(ii)	Quillaia extract type 2	Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>foaming agent</i>
999	Quillaia extracts		
104	Quinoline yellow	Colour	<i>colour</i>
163(v)	Red cabbage colour	Colour	<i>colour</i>
163(viii)	Red radish colour	Colour	<i>colour</i>
161f	Rhodoxanthin	Colour	<i>colour</i>
101(ii)	Riboflavin 5'-phosphate sodium	Colour	<i>colour</i>
101(iv)	Riboflavin from <i>Ashbya gossypii</i>	Colour	<i>colour</i>
101(iii)	Riboflavin from <i>Bacillus subtilis</i>	Colour	<i>colour</i>
101(i)	Riboflavin, synthetic	Colour	<i>colour</i>
101	Riboflavins		

INS No.	Name of food additive	Functional class	Technological purpose
908	Rice bran wax	Glazing agent	<i>glazing agent</i>
392	Rosemary extract	Antioxidant	<i>antioxidant</i>
161d	Rubixanthin	Colour	<i>colour</i>
954(i)	Saccharin	Sweetener	<i>sweetener</i>
954	Saccharins		
470	Salts of fatty acids, with base aluminium, ammonium, calcium, magnesium, potassium, sodium		
470(i)	Salts of myristic, palmitic and stearic acids with ammonia, calcium, potassium and sodium	Anticaking agent	<i>anticaking agent</i>
		Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
470(ii)	Salts of oleic acid with calcium, potassium and sodium	Anticaking agent	<i>anticaking agent</i>
		Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
166	Sandalwood	Colour	<i>colour</i>
904	Shellac, bleached		<i>coating agent</i>
		Glazing agent	<i>glazing agent</i>
			<i>surface-finishing agent</i>
551	Silicon dioxide, amorphous	Anticaking agent	<i>anticaking agent</i>
		Carrier	<i>carrier</i>
		Antifoaming agent	<i>defoaming agent</i>
174	Silver	Colour	<i>colour</i>
262(i)	Sodium acetate	Acidity regulator	<i>acidity regulator</i>
		Preservative	<i>preservative</i>
		Sequestrant	<i>sequestrant</i>
262	Sodium acetates		
356	Sodium adipates	Acidity regulator	<i>acidity regulator</i>
		Bulking agent	<i>bulking agent</i>
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>foaming agent</i>
401	Sodium alginate	Gelling agent	<i>gelling agent</i>
		Glazing agent	<i>glazing agent</i>
		Humectant	<i>humectant</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>

INS No.	Name of food additive	Functional class	Technological purpose
541(i)	Sodium aluminium phosphate, acidic	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Raising agent	<i>raising agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
541(ii)	Sodium aluminium phosphate, basic	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Stabilizer	<i>stabilizer</i>
541 Sodium aluminium phosphates			
554	Sodium aluminium silicate	Anticaking agent	<i>anticaking agent</i>
301	Sodium ascorbate	Antioxidant	<i>antioxidant</i>
211	Sodium benzoate	Flour treatment agent	<i>flour treatment agent</i>
		Preservative	<i>preservative</i>
452(iii)	Sodium calcium polyphosphate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
500(i)	Sodium carbonate	Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>
		Emulsifying salt	<i>emulsifying salt synergist</i>
		Raising agent	<i>raising agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
500 Sodium carbonates			
466	Sodium carboxymethyl cellulose (cellulose gum)	Bulking agent	<i>bulking agent</i>
		Emulsifier	<i>emulsifier</i>
			<i>suspension agent</i>
		Firming agent	<i>firming agent</i>
		Gelling agent	<i>gelling agent</i>
		Glazing agent	<i>coating agent</i>
			<i>glazing agent</i>
		Humectant	<i>humectant</i>
Stabilizer	<i>stabilizer</i>		

INS No.	Name of food additive	Functional class	Technological purpose
		Thickener	<i>thickener</i>
469	Sodium carboxymethyl cellulose, enzymatically hydrolysed (cellulose gum, enzymatically hydrolyzed)	Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
331	Sodium citrates		
952(iv)	Sodium cyclamate	Sweetener	<i>sweetener</i>
266	Sodium dehydroacetate	Preservative	<i>preservative</i>
		Acidity regulator	<i>acidity regulator</i>
262(ii)	Sodium diacetate	Preservative	<i>preservative</i>
		Sequestrant	<i>sequestrant</i>
		Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
331(i)	Sodium dihydrogen citrate	Emulsifying salt	<i>emulsifying salt</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Acidity regulator	<i>acidity regulator</i>
			<i>buffer</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
			<i>humectant</i>
339(i)	Sodium dihydrogen phosphate	Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
		Acidity regulator	<i>acidity regulator</i>
350(ii)	Sodium DL-malate	Humectant	<i>humectant</i>
316	Sodium erythorbate (Sodium isoascorbate)	Antioxidant	<i>antioxidant</i>
215	Sodium ethyl para-hydroxybenzoate	Preservative	<i>preservative</i>
535	Sodium ferrocyanide	Anticaking agent	<i>anticaking agent</i>
237	Sodium formate	Preservative	<i>preservative</i>
365	Sodium fumarates	Acidity regulator	<i>acidity regulator</i>
		Sequestrant	<i>sequestrant</i>
576	Sodium gluconate	Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>

INS No.	Name of food additive	Functional class	Technological purpose
500(ii)	Sodium hydrogen carbonate	Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>
		Raising agent	<i>raising agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
350(i)	Sodium hydrogen DL-malate	Acidity regulator	<i>acidity regulator</i>
		Humectant	<i>humectant</i>
514(ii)	Sodium hydrogen sulphate	Acidity regulator	<i>acidity regulator</i>
222	Sodium hydrogen sulphite	Antioxidant	<i>antioxidant</i>
		Preservative	<i>preservative</i>
524	Sodium hydroxide	Acidity regulator	<i>acidity regulator</i>
335(ii)	Sodium L(+)-tartrate	Acidity regulator	<i>acidity regulator</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
325	Sodium lactate	Acidity regulator	<i>acidity regulator</i>
		Antioxidant	<i>antioxidant synergist</i>
		Bulking agent	<i>bulking agent</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Humectant	<i>humectant</i>
		Thickener	<i>bodying agent</i>
481	Sodium lactylates		
638	Sodium L-aspartate	Flavour enhancer	<i>flavour enhancer</i>
487	Sodium laurylsulphate	Emulsifier	<i>emulsifier</i>
350	Sodium malates		
223	Sodium metabisulphite	Antioxidant	<i>antioxidant</i>
		Bleaching agent	<i>bleaching agent</i>
		Flour treatment agent	<i>flour treatment agent</i>
		Preservative	<i>preservative</i>
550(ii)	Sodium metasilicate	Anticaking agent	<i>anticaking agent</i>
219	Sodium methyl para-hydroxybenzoate	Preservative	<i>preservative</i>
251	Sodium nitrate	Colour retention agent	<i>colour fixative</i>
		Preservative	<i>preservative</i>
		Preservative	<i>preservative</i>

INS No.	Name of food additive	Functional class	Technological purpose
250	Sodium nitrite	Colour retention agent	<i>colour fixative</i>
		Preservative	<i>preservative</i>
481(ii)	Sodium oleyl lactylate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
232	Sodium ortho-phenylphenol	Preservative	<i>preservative</i>
339	Sodium phosphates		
1210	Sodium polyacrylate	Stabilizer	<i>stabilizer</i>
452(i)	Sodium polyphosphate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
452(vi)	Sodium potassium hexametaphosphate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
451(iii)	Sodium potassium triphosphate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
281	Sodium propionate	Preservative	<i>preservative</i>
217	Sodium propyl para-hydroxybenzoate	Preservative	<i>preservative</i>
954(iv)	Sodium saccharin	Sweetener	<i>sweetener</i>
500(iii)	Sodium sesquicarbonate	Acidity regulator	<i>acidity regulator</i>
		Anticaking agent	<i>anticaking agent</i>
		Raising agent	<i>raising agent</i>
550(i)	Sodium silicate	Anticaking agent	<i>anticaking agent</i>
550	Sodium silicates		
201	Sodium sorbate	Preservative	<i>preservative</i>
485	Sodium stearoyl fumarate	Emulsifier	<i>emulsifier</i>

INS No.	Name of food additive	Functional class	Technological purpose
481(i)	Sodium stearoyl lactylate	Flour treatment agent	<i>dough conditioner</i>
		Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>whipping agent</i>
		Stabilizer	<i>stabilizer</i>
364	Sodium succinates		
514(i)	Sodium sulphate	Acidity regulator	<i>acidity regulator</i>
514	Sodium sulphates		
221	Sodium sulphite	Antioxidant	<i>antioxidant</i>
		Bleaching agent	<i>bleaching agent</i>
		Flour treatment agent	<i>flour treatment agent</i>
		Preservative	<i>preservative</i>
335	Sodium tartrates		
539	Sodium thiosulphate	Antioxidant	<i>antibrowning agent</i> <i>antioxidant</i>
		Sequestrant	<i>sequestrant</i>
200	Sorbic acid	Preservative	<i>preservative</i>
493	Sorbitan monolaurate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
494	Sorbitan monooleate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
495	Sorbitan monopalmitate	Emulsifier	<i>emulsifier</i>
491	Sorbitan monostearate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
496	Sorbitan trioleate	Stabilizer	<i>stabilizer</i>
492	Sorbitan tristearate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
420(i)	Sorbitol	Bulking agent	<i>bulking agent</i>
		Humectant	<i>humectant</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Sweetener	<i>sweetener</i>
		Thickener	<i>texturizing agent</i>
420(ii)	Sorbitol syrup	Bulking agent	<i>bulking agent</i>
		Humectant	<i>humectant</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Sweetener	<i>sweetener</i>
		Thickener	<i>texturizing agent</i>

INS No.	Name of food additive	Functional class	Technological purpose
420	Sorbitols		
		Anticaking agent	<i>anticaking agent</i>
426	Soybean hemicellulose	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
909	Spermaceti wax	Glazing agent	<i>glazing agent</i>
134	Spirulina extract	Colour	<i>colour</i>
512	Stannous chloride	Antioxidant	<i>antioxidant</i>
		Colour retention agent	<i>colour retention agent</i>
484	Stearyl citrate	Antioxidant	<i>antioxidant</i>
		Emulsifier	<i>emulsifier</i>
		Sequestrant	<i>sequestrant</i>
483	Stearyl tartrate	Flour treatment agent	<i>flour treatment agent</i>
960	Steviol glycosides		
960b	Steviol glycosides from fermentation	Sweetener	<i>sweetener</i>
960a	Steviol glycosides from <i>Stevia rebaudiana</i> Bertoni (steviol glycosides from Stevia)	Sweetener	<i>sweetener</i>
499	Stigmasterol-rich plant sterols	Stabilizer	<i>stabilizer</i>
363	Succinic acid	Acidity regulator	<i>acidity regulator</i>
472g	Succinylated monoglycerides	Emulsifier	<i>emulsifier</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
446	Succistearin	Emulsifier	<i>emulsifier</i>
955	Sucralose (trichlorogalactosucrose)	Flavour enhancer	<i>flavour enhancer</i>
		Sweetener	<i>sweetener</i>
474	Sucroglycerides	Emulsifier	<i>emulsifier</i>
444	Sucrose acetate isobutyrate	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
473	Sucrose esters of fatty acids	Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>foaming agent</i>
		Glazing agent	<i>glazing agent</i>
		Stabilizer	<i>stabilizer</i>
473a	Sucrose oligoesters, type I and type II	Emulsifier	<i>emulsifier</i>
		Glazing agent	<i>coating agent</i>
		Stabilizer	<i>stabilizer</i>

INS No.	Name of food additive	Functional class	Technological purpose
220	Sulphur dioxide	Antioxidant	<i>antioxidant</i>
		Bleaching agent	<i>bleaching agent</i>
		Flour treatment agent	<i>flour treatment agent</i>
		Preservative	<i>preservative</i>
513	Sulphuric acid	Acidity regulator	<i>acidity regulator</i>
110	Sunset yellow FCF	Colour	<i>colour</i>
441	Superglycerinated hydrogenated rapeseed oil	Emulsifier	<i>emulsifier</i>
963	Tagatose, D-	Sweetener	<i>sweetener</i>
161b(ii)	Tagetes extract	Colour	<i>colour</i>
553(iii)	Talc	Anticaking agent	<i>anticaking agent</i>
			<i>dusting agent</i>
		Glazing agent	<i>coating agent</i>
			<i>surface-finishing agent</i>
437	Tamarind seed polysaccharide	Thickener	<i>texturizing agent</i>
		Emulsifier	<i>emulsifier</i>
		Gelling agent	<i>gelling agent</i>
		Stabilizer	<i>stabilizer</i>
			<i>foam stabilizer</i>
181	Tannic acid (tannins)	Thickener	<i>thickener</i>
		Colour	<i>colour</i>
		Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
417	Tara gum	Thickener	<i>thickener</i>
		Gelling agent	<i>gelling agent</i>
		Stabilizer	<i>stabilizer</i>
472d	Tartaric acid esters of mono- and di-glycerides of fatty acids	Thickener	<i>thickener</i>
		Emulsifier	<i>emulsifier</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
334	Tartaric acid, L(+)-	Acidity regulator	<i>acidity regulator</i>
		Antioxidant	<i>antioxidant synergist</i>
		Flavour enhancer	<i>flavour synergist</i>
		Sequestrant	<i>sequestrant</i>
102	Tartrazine	Colour	<i>colour</i>
319	Tertiary butylhydroquinone	Antioxidant	<i>antioxidant</i>

INS No.	Name of food additive	Functional class	Technological purpose
450(v)	Tetrapotassium diphosphate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
450(iii)	Tetrasodium diphosphate	Acidity regulator	<i>acidity regulator</i>
			<i>buffering agent</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Humectant	<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
957	Thaumatococcus	Flavour enhancer	<i>flavour enhancer</i>
		Sweetener	<i>sweetener</i>
479	Thermally oxidized soya bean oil interacted with mono- and di-glycerides of fatty acids	Emulsifier	<i>emulsifier</i>
233	Thiabendazole	Preservative	<i>preservative</i>
388	Thiodipropionic acid	Antioxidant	<i>antioxidant</i>
171	Titanium dioxide	Colour	<i>colour</i>
307b	Tocopherol concentrate, mixed	Antioxidant	<i>antioxidant</i>
307a	Tocopherol, <i>d-alpha</i> -	Antioxidant	<i>antioxidant</i>
309	Tocopherol, <i>delta</i> -, synthetic	Antioxidant	<i>antioxidant</i>
307c	Tocopherol, <i>dl-alpha</i> -	Antioxidant	<i>antioxidant</i>
308	Tocopherol, <i>gamma</i> -, synthetic	Antioxidant	<i>antioxidant</i>
307	Tocopherols		
413	Tragacanth gum	Emulsifier	<i>emulsifier</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
1518	Triacetin	Carrier	<i>carrier solvent</i>
		Emulsifier	<i>emulsifier</i> <i>plasticizer</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Humectant	<i>humectant</i>
380	Triammonium citrate	Acidity regulator	<i>acidity regulator</i>
		Acidity regulator	<i>acidity regulator</i>
		Antioxidant	<i>antioxidant synergist</i>
333(iii)	Tricalcium citrate	Emulsifying salt	<i>emulsifying salt</i>
		Firming agent	<i>firming agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
		Acidity regulator	<i>acidity regulator</i>
			<i>buffer</i>
		Anticaking agent	<i>anticaking agent</i>
		Emulsifier	<i>clouding agent</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Firming agent	<i>firming agent</i>
341(iii)	Tricalcium phosphate	Flour treatment agent	<i>flour treatment agent</i>
		Humectant	<i>humectant</i>
			<i>moisture-retention agent</i>
		Raising agent	<i>raising agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>texturizing agent</i>
		Carrier	<i>carrier solvent</i>
1505	Triethyl citrate	Emulsifier	<i>emulsifier</i>
			<i>plasticizer</i>
		Stabilizer	<i>foam stabilizer</i>
		Sequestrant	<i>sequestrant</i>
		Acidity regulator	<i>acidity regulator</i>
343(iii)	Trimagnesium phosphate	Anticaking agent	<i>anticaking agent</i>
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
451	Triphosphates		
		Acidity regulator	<i>acidity regulator</i>
		Antioxidant	<i>antioxidant synergist</i>
332(ii)	Tripotassium citrate	Emulsifying salt	<i>emulsifying salt</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>

INS No.	Name of food additive	Functional class	Technological purpose
340(iii)	Tripotassium phosphate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
			<i>humectant</i>
		Humectant	<i>moisture-retention agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
331(iii)	Trisodium citrate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
450(ii)	Trisodium diphosphate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
		Raising agent	<i>raising agent</i>
		Humectant	<i>moisture-retention agent</i>
		Sequestrant	<i>sequestrant</i>
		Stabilizer	<i>stabilizer</i>
339(iii)	Trisodium phosphate	Acidity regulator	<i>acidity regulator</i>
		Emulsifier	<i>emulsifier</i>
		Emulsifying salt	<i>emulsifying salt</i>
			<i>humectant</i>
		Humectant	<i>moisture-retention agent</i>
		Preservative	<i>antimicrobial synergist</i>
		Stabilizer	<i>stabilizer</i>
		Sequestrant	<i>sequestrant</i>
100(ii)	Turmeric	Colour	<i>colour</i>
927b	Urea (carbamide)	Flour treatment agent	<i>flour treatment agent</i>
153	Vegetable carbon	Colour	<i>colour</i>
161e	Violoxanthin	Colour	<i>colour</i>
910	Wax esters	Glazing agent	<i>glazing agent</i>
415	Xanthan gum	Emulsifier	<i>emulsifier</i>
		Foaming agent	<i>foaming agent</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Stabilizer	<i>stabilizer</i>
		Thickener	<i>thickener</i>
		Emulsifier	<i>emulsifier</i>
		Humectant	<i>humectant</i>
967	Xylitol	Stabilizer	<i>stabilizer</i>
		Sweetener	<i>sweetener</i>
		Thickener	<i>bodying agent</i> <i>thickener</i>
455	Yeast mannoproteins	Stabilizer	<i>stabilizer</i>
107	Yellow 2G	Colour	<i>colour</i>
161h(i)	Zeaxanthin, synthetic	Colour	<i>colour</i>
161h(ii)	Zeaxanthin-rich extract from <i>Tagetes erecta</i>	Colour	<i>colour</i>
161h	Zeaxanthins		
650	Zinc acetate	Flavour enhancer	<i>flavour enhancer</i>
557	Zinc silicate	Anticaking agent	<i>anticaking agent</i>

SUPPLEMENTARY LIST -- MODIFIED STARCHES

List in alphabetical order

INS No.	Name of food additive	Functional class	Technological purpose
		Emulsifier	<i>emulsifier</i>
1422	Acetylated distarch adipate	Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
		Emulsifier	<i>emulsifier</i>
1414	Acetylated distarch phosphate	Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
		Emulsifier	<i>emulsifier</i>
1451	Acetylated oxidized starch	Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
		Emulsifier	<i>emulsifier</i>
1401	Acid-treated starch	Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
		Emulsifier	<i>emulsifier</i>
1402	Alkaline treated starch	Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
		Emulsifier	<i>emulsifier</i>
1403	Bleached starch	Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Carrier	<i>carrier</i>
		Emulsifier	<i>emulsifier</i>
1400	Dextrins, roasted starch	Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
		Emulsifier	<i>emulsifier</i>
1412	Distarch phosphate	Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
		Anticaking agent	<i>anticaking agent</i>
		Emulsifier	<i>emulsifier</i>
1442	Hydroxypropyl distarch phosphate	Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
		Emulsifier	<i>emulsifier</i>
1440	Hydroxypropyl starch	Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
		Emulsifier	<i>emulsifier</i>
1410	Monostarch phosphate	Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
		Emulsifier	<i>emulsifier</i>
1404	Oxidized starch	Stabilizer	<i>stabilizer</i>
		Thickener	<i>binder</i> <i>thickener</i>
1413	Phosphated distarch phosphate	Emulsifier	<i>emulsifier</i>

INS No.	Name of food additive	Functional class	Technological purpose
		Stabilizer	<i>stabilizer</i>
			<i>binder</i>
		Thickener	<i>thickener</i>
		Emulsifier	<i>emulsifier</i>
1420	Starch acetate	Stabilizer	<i>stabilizer</i>
			<i>binder</i>
		Thickener	<i>thickener</i>
		Anticaking agent	<i>anticaking agent</i>
1452	Starch aluminium octenyl succinate	Carrier	<i>carrier</i>
		Stabilizer	<i>stabilizer</i>
		Emulsifier	<i>emulsifier</i>
1450	Starch sodium octenyl succinate	Stabilizer	<i>stabilizer</i>
			<i>binder</i>
		Thickener	<i>thickener</i>
		Emulsifier	<i>emulsifier</i>
1405	Starches, enzyme treated	Stabilizer	<i>stabilizer</i>
			<i>binder</i>
		Thickener	<i>thickener</i>

NOTES

¹ FAO and WHO. 1995. *General Standard for Food Additives*. Codex Alimentarius Standard, No. CXS 192-1995. Codex Alimentarius Commission. Rome.