

**SUBSIDIARY LEGISLATION 231.44**  
**SWEETENERS FOR USE IN FOODSTUFFS**  
**REGULATIONS**

1st January, 2001

*LEGAL NOTICE 268 of 2000.*

**1.1** The title of these regulations is the Sweeteners for Use in Foodstuffs Regulations. Title.

**2.1** These regulations shall apply to sweeteners which are used - Scope and applicability.

(a) in the preparation of foodstuffs to impart a sweet taste to foodstuffs,

(b) as table top sweeteners.

**2.2** These regulations shall not apply to foodstuffs with sweetening properties.

**3.1** In these regulations, unless the context otherwise requires: Interpretation.

"Act" means the Food, Drugs and Drinking Water Act; Cap. 231.

"energy-reduced" means with an energy value reduced by at least 30% compared with the original foodstuff or a similar product;

"food" has the same meaning as defined in the Act;

"infants" means children under the age of twelve months;

"*quantum satis*" means that no maximum level is specified; however, sweeteners shall be used in accordance with good manufacturing practice, at a dose level not higher than is necessary to achieve the intended purpose and provided the consumer is not misled;

"with no added sugar" means without any added mono- or disaccharides or any other foodstuff used for its sweetening properties;

"young children" means children aged between one and three years.

**4.1** Only sweeteners listed in the Schedule may be placed on the market with a view to - Permitted sweeteners.

(a) sale to the ultimate consumer, or

(b) use in the manufacture of foodstuffs.

**4.2** Sweeteners referred to in regulation 4.1(b) may only be used in the manufacture of those foodstuffs listed in the Schedule and in accordance with the conditions specified therein.

**4.3** The provisions of regulations 4.1 and 4.2 shall supersede any other requirement in any other regulations which are in conflict with these regulations.

**4.4** Sweeteners may not be used in food for infants and young

children, including food for infants and young children who are not in good health, unless otherwise laid down in specific provisions.

4.5 The maximum usable doses indicated in the Schedule refer to ready-to-eat foodstuffs, prepared according to the instructions for use, where appropriate.

4.6 Without prejudice to other provisions, the presence of a sweetener in foodstuffs is also permissible -

- (a) in compound foods with no added sugar or energy-reduced, in compound dietary foods intended for a low-calorie diet and in compound foods with a long shelf-life, other than those mentioned in regulation 4.4, provided the sweetener is permitted in one of the ingredients of the compound foodstuffs;
- (b) if the foodstuff is intended to be used solely in the preparation of a compound foodstuff which conforms to these regulations.

Provisions of other legal notices.

**5.1** These regulations shall apply without prejudice to specific regulations permitting additives listed in the Schedule to be used for purposes other than sweetening.

5.2 These regulations shall also apply without prejudice to other provisions governing the composition and the description of foodstuffs.

Table-top sweeteners.

**6.1** The sales description of a table-top sweetener must include the term -

" ..... based table-top sweetener", using all names of all sweetening substances used in its composition.

6.2 The labelling of a table-top sweetener containing polyols and/or aspartame must bear the following warnings:

- (a) aspartame: "contains a source of phenylalanine";
- (b) polyols: "excessive consumption may induce laxative effects".

Foodstuffs containing sweeteners.

**7.1** Foodstuffs may contain a permitted sweetener or a mixture of two or more permitted sweeteners as specified in the Schedule, provided that the amount of each sweetener added does not exceed the respective maximum usable doses specified for that sweetener, and that the total amount of the added sweeteners does not exceed the highest value of the specified maximum usable doses for the sweeteners used.

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7.2 In addition to the provisions laid down in the Labelling, Presentation and Advertising of Foodstuffs Regulations, foodstuffs containing a sweetener or sweeteners shall be labelled with the words "with sweetener(s)" accompanying the name under which the product is sold.

7.3 For sweeteners containing both an added sugar or sugars and a sweetener or sweeteners, the provisions of regulation 7.2 shall apply except that the words "with sweetener(s)" shall be substituted by the words "with sugar(s) and sweetener(s)".

7.4 In addition to the provisions of regulations 7.2 or 7.3,

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foodstuffs containing aspartame and/or more than 10% added polyols shall bear the warnings specified in regulation 6.2(a) and (b).

**8.1** Sweeteners intended for use in foodstuffs or as table-top sweeteners must comply with the criteria of purity laid down in European Community Directive 95/31/EC, as amended. Purity criteria.

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## SCHEDULE

## List of Permitted Sweeteners

Foodstuffs	EC Number and name of sweeteners	Maximum usable dose
<i>Desserts and similar products</i> (energy reduced or with no added sugar)	E 420 Sorbitol (i) Sorbitol (ii) Sorbitol syrup	<i>quantum satis</i>
Water-based flavoured desserts	E 421 Mannitol	<i>quantum satis</i>
Milk- and milk-derivative-based preparations	E 953 Isomalt	<i>quantum satis</i>
Fruit- and vegetable-based desserts	E 965 Maltitol (i) Maltitol (ii) Maltitol syrup	<i>quantum satis</i>
Egg-based desserts	E 966 Lactitol	<i>quantum satis</i>
Cereal-based desserts	E 967 Xylitol	<i>quantum satis</i>
Breakfast cereals or cereal-based products		
Fat-based desserts		
Edible ices		
Jams, jellies, marmalades and crystallized fruit		
Fruit preparations, with the exception of those intended for the manufacture of fruit juice-based drinks		
<i>Confectionery:</i>	E 420 Sorbitol (i) Sorbitol (ii) Sorbitol syrup	<i>quantum satis</i>
Confectionery with no added sugar		
Dried-fruit-based confectionery, energy reduced or with no added sugar	E 421 Mannitol	<i>quantum satis</i>
Starch-based confectionery, energy-reduced or with no added sugar	E 953 Isomalt	<i>quantum satis</i>
Cocoa-based products, energy reduced or with no added sugar	E 965 Maltitol (i) Maltitol (ii) Maltitol syrup	<i>quantum satis</i>
Cocoa-, milk-, dried-fruit- or fat-based sandwich spreads, energy reduced or with no added sugar	E 966 Lactitol	<i>quantum satis</i>
Chewing gum with no added sugar	E 967 Xylitol	<i>quantum satis</i>
Sauces		
Mustard		
Fine bakery products, energy reduced or with no added sugar		
Products intended for particular nutritional uses		
Solid food supplements/dietary integrators		

Foodstuffs	Maximum usable dose					
	E 950 Acesulfame K	E 951 Aspartame	E 952 Cyclamic acid and its Na and Ca salts	E 954 Saccharin and its Na, K and Ca salts	E 957 Thauma- tin	E 959 Neohes- peridine DC
<i>Non-alcoholic drinks</i>						
Water-based flavoured drinks, energy-reduced or with no added sugar	350mg/l	600mg/l	400mg/l	80mg/l	-	30mg/l
Milk- and milk derivative-based drinks, energy-reduced or with no added sugar	350mg/l	600mg/l	400mg/l	80mg/l	-	30mg/l
Fruit juice-based drinks, energy-reduced or with no added sugar	350mg/l	600mg/l	400mg/l	80mg/l	-	30mg/l
<i>Gaseosa</i> : non-alcoholic water-based drink with added carbon dioxide, sweeteners and flavourings	-	-	-	100mg/l	-	-
<i>Desserts and similar products</i>						
The following desserts, energy-reduced or with no added sugar: water-based flavoured desserts, milk- and milk derivative-based preparations, fruit- and vegetable-based desserts, egg-based desserts, cereal-based desserts, fat-based desserts	350mg/kg	1000mg/kg	250mg/kg	100mg/kg	-	50mg/kg
<i>Snacks</i> : certain flavours of ready-to-eat, prepacked, dry, savoury starch products and coated nuts	350mg/kg	500mg/kg	-	100mg/kg	-	50mg/kg
Breakfast cereals with a fibre content of more than 15% and containing at least 20% bran, energy-reduced or with no added sugar	1200mg/kg	1000mg/kg	-	100mg/kg	-	50mg/kg
<i>Confectionery</i>						
Confectionery with no added sugar	500mg/kg	1000mg/kg	500mg/kg	500mg/kg	50mg/kg	100mg/kg
Cocoa- or dried-fruit-based confectionery, energy-reduced or with no added sugar	500mg/kg	2000mg/kg	500mg/kg	500mg/kg	50mg/kg	100mg/kg
Starch-based confectionery, energy-reduced or with no added sugar	1000mg/kg	2000mg/kg	500mg/kg	300mg/kg	-	150mg/kg
Cocoa-, milk-, dried-fruit- or fat-based sandwich spreads, energy-reduced or with no added sugar	1000mg/kg	1000mg/kg	500mg/kg	200mg/kg	-	50mg/kg
Chewing gum with no added sugar	2000mg/kg	5500mg/kg	1500mg/kg	1200mg/kg	50mg/kg	400mg/kg
<i>Essoblatten</i>	2000mg/kg	-	-	800mg/kg	-	-
Breath-freshening micro-sweets, with no added sugar	2500mg/kg	6000mg/kg	2500mg/kg	3000mg/kg	-	400mg/kg
Energy-reduced tablet-form confectionery	500mg/kg	-	-	-	-	-

Foodstuffs	Maximum usable dose					
	E 950 Acesulfame K	E 951 Aspartame	E 952 Cyclamic acid and its Na and Ca salts	E 954 Saccharin and its Na, K and Ca salts	E 957 Thauma- tin	E 959 Neohes- peridine DC
Strongly flavoured freshening throat pastilles with no added sugar	-	2000mg/kg	-	-	-	-
<i>Alcoholic drinks</i>						
Cider and perry	350mg/l	600mg/l	-	80mg/l	-	20mg/l
Alcohol-free beer or with an alcohol content not exceeding 1.2% vol.						
<i>Bière de table/Tefelbier</i> /Table beer (original wort content less than 6%) except <i>Obergäriges Einfachbier</i>						
Beers with a minimum acidity of 30 milli-equivalents expressed as NaOH						
Brown beers of the <i>oud bruin</i> type	350mg/l	600mg/l	-	80mg/l	-	10mg/l
Energy-reduced beer	25mg/l	25mg/l	-	-	-	10mg/l
Drinks consisting of a mixture of a non-alcoholic drink and wine, beer, perry, cider or spirits	350mg/l	600mg/l	250mg/l	80mg/l	-	30mg/l
Spirit drinks containing less than 15% alcohol by volume	350mg/l	600mg/l	-	80mg/l	-	30mg/l
<i>Edible ices</i>						
Edible ices, energy-reduced or with no added sugar	800mg/kg	800mg/kg	250mg/kg	100mg/kg	50mg/kg	50mg/kg
Cornets and wafers for ice cream with no added sugar	2000mg/kg	-	-	800mg/kg	-	50mg/kg
<i>Fruit and vegetables</i>						
Canned or bottled fruit, energy-reduced or with no added sugar	350mg/kg	1000mg/kg	1000mg/kg	200mg/kg	-	50mg/kg
Energy-reduced jams, jellies and marmalades	1000mg/kg	1000mg/kg	1000mg/kg	200mg/kg	-	50mg/kg
Energy-reduced fruit and vegetable preparations	350mg/kg	1000mg/kg	250mg/kg	200mg/kg	-	50mg/kg
Sweet-sour preserves of fruit and vegetables	200mg/kg	300mg/kg	-	160mg/kg	-	100mg/kg
<i>Fish, crustaceans, molluscs</i>						
Sweet-sour preserves and semi-preserves of fish and marinades of fish, crustaceans and molluscs	200mg/kg	300mg/kg	-	160mg/kg	-	30mg/kg
<i>Miscellaneous</i>						
Sauces	350mg/kg	350mg/kg	-	160mg/kg	-	50mg/kg
Mustard	350mg/kg	350mg/kg	-	320mg/kg	-	50mg/kg
Energy-reduced soups	110mg/l	110mg/l	-	110mg/l	-	50mg/l
<i>Feinkostsalat</i>	350mg/kg	350mg/kg	-	160mg/kg	-	50mg/kg
<i>Bakery products</i>						
Fine bakery products for special nutritional uses	1000mg/kg	1700mg/kg	1600mg/kg	170mg/kg	-	150mg/kg
<i>Special diets</i>						

Foodstuffs	Maximum usable dose					
	E 950 Acesulfame K	E 951 Aspartame	E 952 Cyclamic acid and its Na and Ca salts	E 954 Saccharin and its Na, K and Ca salts	E 957 Thauma- tin	E 959 Neohes- peridine DC
Complete formulae for weight control intended to replace total daily food intake or an individual meal	450mg/kg	800mg/kg	400mg/kg	240mg/kg	-	100mg/kg
Complete formulae and nutritional supplements for use under medical supervision	450mg/kg	1000mg/kg	400mg/kg	200mg/kg	-	100mg/kg
Liquid food supplements/dietary integrators	350mg/l	600mg/l	400mg/l	80mg/l	-	50mg/l
Solid food supplements/dietary integrators	500mg/kg	2000mg/kg	500mg/kg	500mg/kg	-	100mg/kg
Food supplements/diet integrators based on vitamins and/or mineral elements, syrup-type or chewable	2000mg/kg	5500mg/kg	1250mg/kg	1200mg/kg	400mg/kg	400mg/kg