



European Parliament and Council Directive 94/35/EC
of 30 June 1994
on sweeteners for use in foodstuffs

THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,

Having regard to the Treaty establishing the European Community, and in particular Article 100a thereof,

Having regard to Council Directive 89/107/EEC of 21 December 1988 on the approximation of the laws of the Member States concerning food additives authorized for use in foodstuffs intended for human consumption ⁽¹⁾, and in particular Article 3 (2) thereof,

Having regard to the proposal from the Commission ⁽²⁾,

Having regard to the opinion of the Economic and Social Committee ⁽³⁾,

After consultation of the Scientific Committee for Food,

Acting in accordance with the procedure referred to in Article 189b of the Treaty ⁽⁴⁾,

Whereas differences between national laws relating to sweeteners and their conditions of use hinder the free movement of foodstuffs; whereas this situation may create conditions of unfair competition;

Whereas the prime consideration for any rules on sweeteners and their conditions of use should be the need to protect and inform the consumer;

Whereas, having regard to the most recent scientific and toxicological information, these substances are to be permitted only for certain foodstuffs and under certain conditions of use;

Whereas this Directive does not affect rules relating to functions other than the sweetening properties of the substances covered by this Directive;

Whereas the use of sweeteners to replace sugar is justified for the production of energy-reduced food, non-cariogenic foodstuffs or food without added sugars, for the extension of shelf life through the replacement of sugar, and for the production of dietetic products,

HAVE ADOPTED THIS DIRECTIVE:

Article 1

1. This Directive is a specific directive forming a part of the comprehensive directive within the meaning of Article 3 of Directive 89/107/EEC.
2. This Directive shall apply to food additives, hereinafter referred to as 'sweeteners', which are used:
 - to impart a sweet taste to foodstuffs,
 - as table-top sweeteners.
3. For the purposes of this Directive, 'with no added sugar' and 'energy-reduced' in column III of the Annex shall be defined as follows:

⁽¹⁾ OJ No L 40, 11. 2. 1989, p. 27. Directive as amended by Directive 94/34/EC (see page 1 of this Official Journal(SIC! OJ No. L 237, 10. 9. 1994, p. 1.)).

⁽²⁾ OJ No C 206, 13. 8. 1992, p. 3.

⁽³⁾ OJ No C 332, 16. 12. 1992, p. 10.

⁽⁴⁾ Opinion of the European Parliament of 29 October 1993 (OJ No C 305, 23. 11. 1993), confirmed on 2 December 1993 (OJ No C 342, 20. 12. 1993), Council common position of 11 November 1993 (not yet published in the Official Journal) and Decision of the European Parliament of 9 March 1994 (OJ No C 91, 28. 3. 1994, p. 81).

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- ‘with no added sugar’: without any added mono- or disaccharides or any other foodstuff used for its sweetening properties,
 - ‘energy-reduced’: with an energy value reduced by at least 30 % compared with the original foodstuff or a similar product.
4. This Directive shall not apply to foodstuffs with sweetening properties.

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5. This Directive shall also apply to the corresponding foodstuffs intended for particular nutritional uses within the meaning of Directive 89/398/EEC.

▼B*Article 2*

1. Only sweeteners listed in the Annex may be placed on the market with a view to:
- sale to the ultimate consumer,
 - or
 - use in the manufacture of foodstuffs.
2. Sweeteners referred to in the second indent of paragraph 1 may only be used in the manufacture of the foodstuffs listed in the Annex under the conditions specified therein.

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3. Sweeteners may not be used in food for infants and young children as referred to in Directive 89/398/EEC, including food for infants and young children who are not in good health, unless otherwise laid down in specific provisions.

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4. The maximum usable doses indicated in the Annex refer to ready-to-eat foodstuffs prepared according to the instructions for use.

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5. In the Annex ‘*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.

Article 2a

Without prejudice to other Community provisions, the presence of a sweetener in a foodstuff is permissible:

- in compound foodstuffs with no added sugar or energy-reduced, in compound dietary foodstuffs intended for a low-calorie diet and in compound foodstuffs with a long shelf-life, other than those mentioned in Article 2 (3), insofar as the sweetener is permitted in one of the ingredients of the compound foodstuff, or
- if the foodstuff is intended to be used solely in the preparation of a compound foodstuff which conforms to this Directive.

▼B*Article 3*

1. This Directive shall apply without prejudice to specific directives permitting additives listed in the Annex to be used for purposes other than sweetening.
2. This Directive shall also apply without prejudice to Community provisions governing the composition and the description of foodstuffs.

▼M3*Article 4*

It may be decided in accordance with the procedure laid down in Article 7:

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- where there are differences of opinion as to whether sweeteners can be used in a given foodstuff under the terms of this Directive, whether that foodstuff is to be considered as belonging to one of the categories listed in the third column of the Annex, and
- whether a food additive listed in the Annex and authorised at ‘quantum satis’ is used in accordance with the criteria referred to in Article 2.

▼B*Article 5*

1. The sales description of a table-top sweetener must include the term ‘...-based table-top sweetener’, using the name(s) of the sweetening substance(s) used in its composition.
2. The labelling of a table-top sweetener containing polyols and/or aspartame must bear the following warnings:
 - polyols: ‘excessive consumption may induce laxative effects’,
 - aspartame: ‘contains a source of phenylalanine’,

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- salt of aspartame and acesulfame: ‘contains a source of phenylalanine’.

▼B*Article 6*

Provisions concerning:

- the details which must appear on the labelling of foodstuffs containing sweeteners in order to make their presence clear,
- warnings concerning the presence of certain sweeteners in foodstuffs,

shall be adopted in accordance with the procedure laid down in Article 7 before expiry of the time limit laid down in the first indent of Article 9 (1).

▼M3*Article 7*

1. The Commission shall be assisted by the Standing Committee on the Food Chain and Animal Health set up pursuant to Article 58 of Regulation (EC) No 178/2002 ⁽¹⁾, hereinafter referred to as ‘the Committee’.
2. Where reference is made to this Article, Articles 5 and 7 of Decision 1999/468/EC ⁽²⁾ shall apply, having regard to the provisions of Article 8 thereof.

The period laid down in Article 5(6) of Decision 1999/468/EC shall be set at three months.
3. The Committee shall adopt its rules of procedure.

▼B*Article 8*

1. Within three years of adoption of this Directive, in accordance with the general criteria of point 4 of Annex II to Directive 89/107/EEC, Member States shall establish a system of consumer surveys to monitor sweetener consumption.

The details of this monitoring system shall be coordinated in accordance with the procedure laid down in Article 7.

⁽¹⁾ OJ L 31, 1.2.2002, p. 1.

⁽²⁾ Council Decision 1999/468/EC of 28 June 1999 laying down the procedures for the exercise of implementing powers conferred on the Commission (OJ L 184, 17.7.1999, p. 23).

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2. Within five years of adoption of this Directive, the Commission shall submit to the European Parliament and the Council a report, based on information obtained through the monitoring system referred to in paragraph 1, on changes in the sweeteners market, levels of use, and whether there is a further need to restrict conditions of use, including by means of appropriate warnings to consumers, to ensure that use does not exceed the acceptable daily intake. If necessary, the report shall be accompanied by proposals for amendment to this Directive.

Article 9

1. Member States shall bring into force the laws, regulations and administrative provisions necessary to comply with this Directive not later than 31 December 1995. These measures are intended to:

- allow, not later than 31 December 1995, trade in and use of products conforming to this Directive,
- prohibit, not later than 30 June 1996, trade in and use of products not conforming to this Directive; products put on the market or labelled before that date which do not comply with this Directive may, however, be marketed until stocks are exhausted.

They shall inform the Commission forthwith thereof.

2. When Member States adopt these measures, they shall contain a reference to this Directive or shall be accompanied by such reference on the occasion of their official publication. The methods of making such reference shall be laid down by the Member States.

Article 10

This Directive shall enter into force on the date of its publication in the *Official Journal of the European Communities*.

Article 11

This Directive is addressed to the Member States.

ANNEX

EC No	Name	Foodstuffs	Maximum usable dose
E 420 E 421 E 953 E 965 E 966 E 967 ► M4 E 968 ◄	Sorbitol: (i) Sorbitol (ii) Sorbitol syrup Mannitol Isomalt Maltitol: (i) Maltitol (ii) Maltitol syrup Lactitol Xylitol ► M4 Erythritol ◄	<p>Desserts and similar products</p> <ul style="list-style-type: none"> — Water-based flavoured desserts, energy-reduced or with no added sugar — Milk- and milk-derivative-based preparations, energy-reduced or with no added sugar — Fruit- and vegetable-based desserts, energy-reduced or with no added sugar — Egg-based desserts, energy-reduced or with no added sugar — Cereal-based desserts, energy-reduced or with no added sugar — Breakfast cereals or cereal-based products, energy reduced or with no added sugar — Fat-based desserts, energy-reduced or with no added sugar — Edible ices, energy-reduced or with no added sugar — Jams, jellies, marmalades and crystallized fruit, energy-reduced or with no added sugar — Fruit preparations, energy-reduced or with no added sugar, with the exception of those intended for the manufacture of fruit-juice-based drinks <p>Confectionery</p> <ul style="list-style-type: none"> — Confectionery with no added sugar — Dried-fruit-based confectionery, energy-reduced or with no added sugar — Starch-based confectionery, energy-reduced or with no added sugar — Cocoa-based products, energy-reduced or with no added sugar — Cocoa-, milk-, dried-fruit- or fat-based sandwich spreads, energy-reduced or with no added sugar — Chewing gum with no added sugar — Sauces — Mustard — Fine bakery products, energy-reduced or with no added sugar — Products intended for particular nutritional uses — ► M3 Food supplements as defined in Directive 2002/46/EC supplied in a solid form ◄ 	<p>Maximum usable dose</p> <p><i>quantum satis</i></p>
E 950	Acesulfame K	<p>Non-alcoholic drinks</p> <ul style="list-style-type: none"> — Water-based flavoured drinks, energy-reduced or with no added sugar — Milk- and milk-derivative-based or fruit-juice-based drinks, energy-reduced or with no added sugar <p>Desserts and similar products</p>	<p>350 mg/l 350 mg/l</p>



EC No	Name	Foodstuffs	Maximum usable dose
		— Water-based flavoured desserts, energy-reduced or with no added sugar	350 mg/kg
		— Milk- and milk-derivative-based preparations, energy-reduced or with no added sugar	350 mg/kg
		— Fruit- and vegetable-based desserts, energy-reduced or with no added sugar	350 mg/kg
		— Egg-based desserts, energy-reduced or with no added sugar	350 mg/kg
		— Cereal-based desserts, energy-reduced or with no added sugar	350 mg/kg
		— Fat-based desserts, energy-reduced or with no added sugar	350 mg/kg
		— 'snacks': certain flavours of ready to eat, prepacked, dry, savoury starch products and coated nuts	350 mg/kg
		Confectionery	
		— Confectionery with no added sugar	500 mg/kg
		— Cocoa- or dried-fruit-based confectionery, energy-reduced or with no added sugar	500 mg/kg
		— Starch-based confectionery, energy-reduced or with no added sugar	1 000 mg/kg
		— Cocoa-, milk-, dried-fruit- or fat-based sandwich spreads, energy-reduced or with no added sugar	1 000 mg/kg
		— Chewing gum with no added sugar	2 000 mg/kg
		— Cider and perry	350 mg/l
		— Alcohol-free beer or with an alcohol content not exceeding 1,2 % vol	350 mg/l
		— 'Bière de table/Tafelbier/Table beer' (original wort content less than 6 %) except for 'Obergängiges Einfachbier'	350 mg/l
		— Beers with a minimum acidity of 30 milli-equivalents expressed as NaOH	350 mg/l
		— Brown beers of the 'oud bruin' type	350 mg/l
		— Edible ices, energy-reduced or with no added sugar	800 mg/kg
		— Canned or bottled fruit, energy-reduced or with no added sugar	350 mg/kg
		— Energy-reduced jams, jellies and marmalades	1 000 mg/kg
		— Energy-reduced fruit and vegetable preparations	350 mg/kg
		— Sweet-sour preserves of fruit and vegetables	200 mg/kg
		— Sweet-sour preserves and semi-preserves of fish and marinades of fish, crustaceans and molluscs	200 mg/kg
		— Sauces	350 mg/kg
		— Mustard	350 mg/kg
		— Fine bakery products for special nutritional uses	1 000 mg/kg
		— ► M3 Foods intended for use in energy-restricted diets for weight reduction as referred to in Directive 96/8/EC (*) ▼	450 mg/kg
		— ► M3 Dietary foods for special medical purposes as defined in Directive 1999/21/EC (**) ▼	350 mg/l
		— ► M3 Food supplements as defined in Directive 2002/46/EC (***) supplied in a liquid form ▼	

EC No	Name	Foodstuffs	Maximum usable dose
▼ B		<p>— ► M3 Food supplements as defined in Directive 2002/46/EC supplied in a solid form ◀</p> <p>► M3 Food supplements as defined in Directive 2002/46/EC, based on vitamins and/or mineral elements and supplied in a syrup-type or chewable form ◀</p> <ul style="list-style-type: none"> — Breakfast cereals with a fibre content of more than 15 %, and containing at least 20 % bran, energy-reduced or with no added sugar — Energy-reduced soups — Breath-freshening micro-sweets, with no added sugar — Energy-reduced beer — Drinks consisting of a mixture of a non-alcoholic drink and beer, cider, perry, spirits or wine — Spirit drinks containing less than 15 % alcohol by volume — Cornets and wafers, for ice-cream, with no added sugar — Energy-reduced tablet-form confectionery — <i>Feinkostsalat</i> — <i>Ejßblaten</i> 	<p>500 mg/kg</p> <p>2 000 mg/kg</p> <p>1 200 mg/kg</p> <p>110 mg/l</p> <p>2 500 mg/kg</p> <p>25 mg/l</p> <p>350 mg/l</p> <p>350 mg/kg</p> <p>2 000 mg/kg</p> <p>500 mg/kg</p> <p>350 mg/kg</p> <p>2 000 mg/kg</p>
▼ M1			
▼ B	Aspartame	<p>Non-alcoholic drinks</p> <ul style="list-style-type: none"> — Water-based flavoured drinks, energy-reduced or with no added sugar — Milk- and milk-derivative-based or fruit-juice-based drinks, energy-reduced or with no added sugar <p>Desserts and similar products</p> <ul style="list-style-type: none"> — Water-based flavoured desserts, energy-reduced or with no added sugar — Milk- and milk-derivate-based preparations, energy-reduced or with no added sugar — Fruit- and vegetable-based desserts, energy-reduced or with no added sugar — Egg-based desserts, energy-reduced or with no added sugar — Cereal-based desserts, energy-reduced or with no added sugar — Fat-based desserts, energy-reduced or with no added sugar — ‘snacks’: certain flavours of ready to eat, prepacked, dry, savoury starch products and coated nuts <p>Confectionery</p> <ul style="list-style-type: none"> — Confectionery with no added sugar — Cocoa- or dried-fruit-based confectionery, energy-reduced or with no added sugar — Starch-based confectionery, energy-reduced or with no added sugar 	<p>600 mg/l</p> <p>600 mg/l</p> <p>1 000 mg/kg</p> <p>1 000 mg/kg</p> <p>1 000 mg/kg</p> <p>1 000 mg/kg</p> <p>1 000 mg/kg</p> <p>1 000 mg/kg</p> <p>500 mg/kg</p> <p>1 000 mg/kg</p> <p>2 000 mg/kg</p> <p>2 000 mg/kg</p>

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EC No	Name	Foodstuffs	Maximum usable dose
		<ul style="list-style-type: none"> — Cocoa-, milk-, dried-fruit- or fat-based sandwich spreads, energy-reduced or with no added sugar — Chewing gum with no added sugar — Cider and perry — Alcohol-free or with an alcohol content not exceeding 1,2 % vol — 'Bière de table/Tafelbier/Table beer' (original wort content less than 6 %) except for 'Oberjärgäres Einfachbier' — Beers with a minimum acidity of 30 milli-equivalents expressed as NaOH — Brown beers of the 'oud bruin' type — Edible ices, energy-reduced or with no added sugar — Canned or bottled fruit, energy-reduced or with no added sugar — Energy-reduced jams, jellies and marmalades — Energy-reduced fruit and vegetable preparations — Sweet-sour preserves of fruit and vegetables — Sweet-sour preserves and semi-preserves of fish and marinades of fish, crustaceans and molluscs — Sauces — Mustard — Fine bakery products for special nutritional uses — ► M3 Foods intended for use in energy-restricted diets for weight reduction as referred to in Directive 96/8/EC (*) ▼ — ► M3 Dietary foods for special medical purposes as defined in Directive 1999/21/EC (**) ▼ — ► M3 Food supplements as defined in Directive 2002/46/EC (***) supplied in a liquid form ▼ — ► M3 Food supplements as defined in Directive 2002/46/EC supplied in a solid form ▼ — <i>Essoblaten</i> — ► M3 Food supplements as defined in Directive 2002/46/EC, based on vitamins and/or mineral elements and supplied in a syrup-type or chewable form ▼ — Breakfast cereals with a fibre content of more than 15 %, and containing at least 20 % bran, energy-reduced or with no added sugar — Energy-reduced soups — Breath-freshening micro-sweets, with no added sugar — Strongly flavoured freshening throat pastilles with no added sugar 	<ul style="list-style-type: none"> 1 000 mg/kg 5 500 mg/kg 600 mg/l 600 mg/l 600 mg/l 600 mg/l 600 mg/l 600 mg/l 800 mg/kg 1 000 mg/kg 1 000 mg/kg 1 000 mg/kg 300 mg/kg 300 mg/kg 350 mg/kg 350 mg/kg 1 700 mg/kg 800 mg/kg 1 000 mg/kg 600 mg/kg 2 000 mg/kg 1 000 mg/kg 5 500 mg/kg 1 000 mg/kg 110 mg/l 6 000 mg/kg 2 000 mg/kg

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▼M1

▼ **M1**

EC No	Name	Foodstuffs	Maximum usable dose
		<ul style="list-style-type: none"> — Energy-reduced beer — Drinks consisting of a mixture of a non-alcoholic drink and beer, cider, perry, spirits or wine — Spirit drinks containing less than 15 % alcohol by volume — <i>Feinkostsalat</i> 	<p>25 mg/l</p> <p>600 mg/l</p> <p>600 mg/kg</p> <p>350 mg/kg</p>
E 952	Cyclamic acid and its Na and Ca salts	<p>Non-alcoholic drinks</p> <ul style="list-style-type: none"> — Water-based flavoured drinks, energy-reduced or with no added sugar — Milk- and milk-derivative-based or fruit-juice-based drinks, energy-reduced or with no added sugar <p>Desserts and similar products</p> <ul style="list-style-type: none"> — Water-based flavoured desserts, energy-reduced or with no added sugar — Milk- and milk-derivative-based preparations, energy-reduced or with no added sugar — Fruit- and vegetable-based desserts, energy-reduced or with no added sugar — Egg-based desserts, energy-reduced or with no added sugar — Cereal-based desserts, energy-reduced or with no added sugar — Fat-based desserts, energy-reduced or with no added sugar <p>Confectionery</p> <ul style="list-style-type: none"> — Confectionery with no added sugar — Cocoa- or dried-fruit-based confectionery, energy-reduced or with no added sugar — Starch-based confectionery, energy-reduced or with no added sugar — Cocoa-, milk-, dried-fruit- or fat-based sandwich spreads, energy-reduced or with no added sugar — Chewing gum with no added sugar — Edible ices, energy-reduced or with no added sugar — Canned or bottled fruit, energy-reduced or with no added sugar — Energy-reduced jams, jellies and marmalades — Energy-reduced fruit and vegetable preparations — Fine bakery products for special nutritional uses — ► M3 Foods intended for use in energy-restricted diets for weight reduction as referred to in Directive 96/8/EC (*) ◄ — ► M3 Dietary foods for special medical purposes as defined in Directive 1999/21/EC (***) ◄ — ► M3 Food supplements as defined in Directive 2002/46/EC (***) supplied in a liquid form ◄ — ► M3 Food supplements as defined in Directive 2002/46/EC supplied in a solid form ◄ 	<p>► M3 250 mg/l ◄</p> <p>► M3 250 mg/l ◄</p> <p>250 mg/kg</p> <p>250 mg/kg</p> <p>250 mg/kg</p> <p>250 mg/kg</p> <p>250 mg/kg</p> <p>250 mg/kg</p> <p>500 mg/kg</p> <p>500 mg/kg</p> <p>500 mg/kg</p> <p>500 mg/kg</p> <p>1 500 mg/kg</p> <p>250 mg/kg</p> <p>1 000 mg/kg</p> <p>1 000 mg/kg</p> <p>250 mg/kg</p> <p>1 600 mg/kg</p> <p>400 mg/kg</p> <p>400 mg/kg</p> <p>500 mg/kg</p>

▼ **B**

▼ B

EC No	Name	Foodstuffs	Maximum usable dose
		<ul style="list-style-type: none"> — Edible ices, energy-reduced or with no added sugar — Canned or bottled fruit, energy-reduced or with no added sugar — Energy-reduced jams, jellies and marmalades — Energy-reduced fruit and vegetable preparations — Sweet-sour preserves of fruit and vegetables — Sweet-sour preserves and semi-preserves of fish and marinades of fish, crustaceans and molluscs — Sauces — Mustard — Fine bakery products for special nutritional uses — ► M3 Foods intended for use in energy-restricted diets for weight reduction as referred to in Directive 96/8/EC (*) ◄ — ► M3 Dietary foods for special medical purposes as defined in Directive 1999/21/EC (**) ◄ — ► M3 Food supplements as defined in Directive 2002/46/EC (***) supplied in a liquid form ◄ — ► M3 Food supplements as defined in Directive 2002/46/EC supplied in a solid form ◄ — ► M3 Food supplements as defined in Directive 2002/46/EC, based on vitamins and/or mineral elements and supplied in a syrup-type or chewable form ◄ — Breakfast cereals with a fibre content of more than 15 %, and containing at least 20 % bran, energy-reduced or with no added sugar — Energy-reduced soups — Breath-freshening micro-sweets, with no added sugar — Drinks consisting of a mixture of a non-alcoholic drink and beer, cider, perry, spirits or wine — Spirit drinks containing less than 15 % alcohol by volume — Cornets and wafers, for ice-cream, with no added sugar — <i>Feinkostsalat</i> 	<ul style="list-style-type: none"> 100 mg/kg 200 mg/kg 200 mg/kg 200 mg/kg 160 mg/kg 160 mg/kg 160 mg/kg 320 mg/kg 170 mg/kg 240 mg/kg 200 mg/kg 80 mg/kg 500 mg/kg 1 200 mg/kg 100 mg/kg 110 mg/l 3 000 mg/kg 80 mg/l 80 mg/kg 800 mg/kg 160 mg/kg
E 955	Sucralose	<p>Non-alcoholic drinks</p> <ul style="list-style-type: none"> — Water-based flavoured drinks, energy-reduced or with no added sugar — Milk- and milk-derivative-based or fruit-juice-based drinks, energy-reduced or with no added sugar <p>Desserts and similar products</p> <ul style="list-style-type: none"> — Water-based flavoured desserts, energy-reduced or with no added sugar — Milk- and milk-derivative-based preparations, energy-reduced or with no added sugar 	<ul style="list-style-type: none"> 300 mg/l 300 mg/l 400 mg/kg 400 mg/kg

▼ M1

▼ M3

▼ M3

EC No	Name	Foodstuffs	Maximum usable dose
		— Fruit- and vegetable-based desserts, energy-reduced or with no added sugar	400 mg/kg
		— Egg-based desserts, energy-reduced or with no added sugar	400 mg/kg
		— Cereal-based desserts, energy-reduced or with no added sugar	400 mg/kg
		— Fat-based desserts, energy-reduced or with no added sugar	400 mg/kg
		— "Snacks": certain flavours of ready to eat, pre-packed, dry, savoury starch products and coated nuts	200 mg/kg
		Confectionery	
		— Confectionery with no added sugar	1 000 mg/kg
		— Cocoa- or dried-fruit-based confectionery, energy-reduced or with no added sugar	800 mg/kg
		— Starch-based confectionery, energy-reduced or with no added sugar	1 000 mg/kg
		— Cornets and wafers, for ice cream, with no added sugar	800 mg/kg
		— <i>Essoblaten</i>	800 mg/kg
		— Cocoa-, milk-, dried-fruit- or fat-based sandwich spreads, energy-reduced or with no added sugar	400 mg/kg
		— Breakfast cereals with a fibre content of more than 15 %, and containing at least 20 % bran, energy-reduced or with no added sugar	400 mg/kg
		— Breath-freshening micro-sweets with no added sugar	2 400 mg/kg
		— Strongly flavoured freshening throat pastilles with no added sugar	1 000 mg/kg
		— Chewing gum with no added sugar	3 000 mg/kg
		— Energy-reduced tablet form confectionery	200 mg/kg
		— Cider and Perry	50 mg/l
		— Drinks consisting of a mixture of a non-alcoholic drink and beer, cider, perry, spirits or wine	250 mg/l
		— Spirit drinks containing less than 15 % alcohol by volume	250 mg/l
		— Alcohol-free beer or with an alcohol content not exceeding 1,2 % vol	250 mg/l
		— 'Bière de table/Tafelbier/Table beer' (original wort content less than 6 %) except for 'Obergäriges Einfachbier'	250 mg/l
		— Beers with a minimum acidity of 30 milli-equivalents expressed as NaOH	250 mg/l
		— Brown beers of the 'oud bruin' type	250 mg/l
		— Energy-reduced beer	10 mg/l
		— Edible ices, energy-reduced or with no added sugar	320 mg/kg
		— Canned or bottled fruit, energy-reduced or with no added sugar	400 mg/kg
		— Energy-reduced jams, jellies and marmalades	400 mg/kg
		— Energy-reduced fruit and vegetable preparations	400 mg/kg
		— Sweet-sour preserves of fruit and vegetables	180 mg/kg

EC No	Name	Foodstuffs	Maximum usable dose
▼ M3		<ul style="list-style-type: none"> — <i>Feinkostsalat</i> — Sweet-sour preserves and semi-preserves of fish and marinades of fish, crustaceans and molluscs — Energy-reduced soups — Sauces — Mustard — Fine bakery products for special nutritional uses — Foods intended for use in energy-restricted diets for weight reduction as referred to in Directive 1996/8/EC — Dietary foods for special medical purposes as defined in Directive 1999/21/EC — Food supplements as defined in Directive 2002/46/EC supplied in a liquid form — Food supplements as defined in Directive 2002/46/EC supplied in a solid form — Food supplements as defined in Directive 2002/46/EC, based on vitamins and/or mineral elements and supplied in a syrup-type or chewable form 	<ul style="list-style-type: none"> 140 mg/kg 120 mg/kg 45 mg/l 450 mg/kg 140 mg/kg 700 mg/kg 320 mg/kg 400 mg/kg 240 mg/l 800 mg/kg 2 400 mg/kg
▼ B	Thaumatococin	<p>Confectionery</p> <ul style="list-style-type: none"> — Confectionery with no added sugar — Cocoa- or dried-fruit-based confectionery, energy-reduced or with no added sugar — Chewing gum with no added sugar <p>► M3 Food supplements as defined in Directive 2002/46/EC, based on vitamins and/or mineral elements and supplied in a syrup-type or chewable form ◀</p> <ul style="list-style-type: none"> — Edible ices, energy-reduced or with no added sugar 	<ul style="list-style-type: none"> 50 mg/kg 50 mg/kg 50 mg/kg 400 mg/kg 50 mg/kg
▼ M1	Neohesperidine DC	<p>Non-alcoholic drinks</p> <ul style="list-style-type: none"> — Water-based flavoured drinks, energy-reduced or with no added sugar — Milk- and milk-derivative-based drinks, energy-reduced or with no added sugar — Fruit-juice-based drinks, energy-reduced or with no added sugar <p>Desserts and similar products</p> <ul style="list-style-type: none"> — Water-based flavoured desserts, energy-reduced or with no added sugar — Milk- and milk-derivative-based preparations, energy-reduced or with no added sugar — Fruit- and vegetable-based desserts, energy-reduced or with no added sugar 	<ul style="list-style-type: none"> 30 mg/l 50 mg/l 30 mg/l 50 mg/kg 50 mg/kg 50 mg/kg
▼ B			

▼B

EC No	Name	Foodstuffs	Maximum usable dose
		<ul style="list-style-type: none"> — Egg-based desserts, energy-reduced or with no added sugar — Cereal-based desserts, energy-reduced or with no added sugar — Fat-based desserts, energy-reduced or with no added sugar 	<ul style="list-style-type: none"> 50 mg/kg 50 mg/kg 50 mg/kg
		<p>Confectionery</p> <ul style="list-style-type: none"> — Confectionery with no added sugar — Cocoa- or dried-fruit-based confectionery, energy-reduced or with no added sugar — Starch-based confectionery, energy-reduced or with no added sugar — Cocoa-, milk-, dried-fruit- or fat-based sandwich spreads, energy-reduced or with no added sugar — Chewing gum with no added sugar — Cider and perry — Alcohol-free beer or with an alcohol content not exceeding 1,2 % vol — 'Bière de table/Tafelbier/Table beer' (original wort content less than 6 %) except 'Obergäriges Einfachbier' — Beers with a minimum acidity of 30 milli-equivalents expressed as NaOH — Brown beers of the 'oud bruin' type — Edible ices, energy-reduced or with no added sugar — Canned or bottled fruit, energy-reduced or with no added sugar — Energy-reduced jams, jellies and marmalades — Sweet-sour preserves of fruit and vegetables — Energy-reduced fruit and vegetable preparations — Sweet-sour preserves and semi-preserves of fish and marinades of fish, crustaceans and molluscs — Sauces — Mustard — Fine bakery products for special nutritional uses 	<ul style="list-style-type: none"> 100 mg/kg 100 mg/kg 150 mg/kg 50 mg/kg 400 mg/kg 20 mg/l 10 mg/l 10 mg/l 10 mg/l 10 mg/l 50 mg/kg 50 mg/kg 50 mg/kg 100 mg/kg 50 mg/kg 30 mg/kg 50 mg/kg 50 mg/kg 150 mg/kg 100 mg/kg 50 mg/kg 100 mg/kg 50 mg/kg 100 mg/kg 50 mg/kg 100 mg/kg 50 mg/kg 50 mg/kg 50 mg/kg 50 mg/kg
		<ul style="list-style-type: none"> — M3 Foods intended for use in energy-restricted diets for weight reduction as referred to in Directive 96/8/EC (*) ▼ — M3 Food supplements as defined in Directive 2002/46/EC (***) supplied in a liquid form ▼ — M3 Food supplements as defined in Directive 2002/46/EC supplied in a solid form ▼ — Breakfast cereals with a fibre content of more than 15 %, and containing at least 20 % bran, energy-reduced or with no added sugar — Energy-reduced soups 	<ul style="list-style-type: none"> 50 mg/kg 100 mg/kg 50 mg/kg 50 mg/kg

▼M1

▼ M1

EC No	Name	Foodstuffs	Maximum usable dose
		<ul style="list-style-type: none"> — Breath-freshening micro-sweets, with no added sugar — ► M3 Food supplements as defined in Directive 2002/46/EC, based on vitamins and/or mineral elements and supplied in a syrup-type or chewable form ◀ — Drinks consisting of a mixture of a non-alcoholic drink and beer, cider, perry, spirits or wine — Spirit drinks containing less than 15 % alcohol by volume — Cornets and wafers, for ice-cream, with no added sugar — <i>Feinkos salat</i> — Energy reduced beer — ► M3 Dietary foods for special medical purposes as defined in Directive 1999/21/EC (***) ◀ — ‘Snacks’: certain flavours of ready to eat, prepacked, dry, savoury starch products and coated nuts 	<ul style="list-style-type: none"> 400 mg/kg 400 mg/kg 30 mg/l 30 mg/kg 50 mg/kg 50 mg/kg 10 mg/kg 100 mg/kg 50 mg/kg
E 962	Salt of aspartame-acesulfame I (****)	<p>Non-alcoholic drinks</p> <ul style="list-style-type: none"> — Water-based flavoured drinks, energy-reduced or with no added sugar — Milk- and milk-derivative-based or fruit-juice-based drinks, energy-reduced or with no added sugar <p>Desserts and similar products</p> <ul style="list-style-type: none"> — Water-based flavoured desserts, energy-reduced or with no added sugar — Milk- and milk-derivative-based preparations, energy-reduced or with no added sugar — Fruit- and vegetable-based desserts, energy-reduced or with no added sugar — Egg-based desserts, energy-reduced or with no added sugar — Cereal-based desserts, energy-reduced or with no added sugar — Fat-based desserts, energy-reduced or with no added sugar — ‘Snacks’: certain flavours of ready to eat, prepacked, dry, savoury starch products and coated nuts <p>Confectionery</p> <ul style="list-style-type: none"> — Confectionery with no added sugar — Cocoa- or dried-fruit-based confectionery, energy-reduced or with no added sugar — Starch-based confectionery, energy-reduced or with no added sugar — <i>Essoblatten</i> — Cocoa-, milk-, dried-fruit or fat-based sandwich spreads, energy-reduced or with no added sugar — Breakfast cereals with a fibre content of more than 15 %, and containing at least 20 % bran, energy-reduced or with no added sugar 	<ul style="list-style-type: none"> 350 mg/l (a) 350 mg/l (a) 350 mg/kg (a) 350 mg/kg (a) 350 mg/kg (a) 350 mg/kg (a) 350 mg/kg (a) 350 mg/kg (a) 500 mg/kg (b) 500 mg/kg (a) 500 mg/kg (a) 1 000 mg/kg (a) 1 000 mg/kg (b) 1 000 mg/kg (b) 1 000 mg/kg (b)

▼ M3

▼ M3

EC No	Name	Foodstuffs	Maximum usable dose
		— Breath-freshening micro-sweets with no added sugar	2 500 mg/kg (a)
		— Chewing gum with no added sugar	2 000 mg/kg (a)
		— Cider and perry	350 mg/l (a)
		— Drinks consisting of a mixture of a non-alcoholic drink and beer, cider, perry, spirits or wine	350 mg/l (a)
		— Spirit drinks containing less than 15 % alcohol by volume	350 mg/l (a)
		— Alcohol-free beer or with an alcohol content not exceeding 1,2 % vol	350 mg/l (a)
		— 'Bière de table'/Tafelbier/Table beer' (original wort content less than 6 %) except for 'Obergängiges Einfachbier'	350 mg/l (a)
		— Beers with a minimum acidity of 30 milli-equivalents expressed as NaOH	350 mg/l (a)
		— Brown beers of the 'oud bruin' type	350 mg/l (a)
		— Energy-reduced beer	25 mg/l (b)
		— Edible ices, energy-reduced or with no added sugar	800 mg/kg (b)
		— Canned or bottled fruit, energy-reduced or with no added sugar	350 mg/kg (a)
		— Energy-reduced jams, jellies and marmalades	1 000 mg/kg (b)
		— Energy-reduced fruit and vegetable preparations	350 mg/kg (a)
		— Sweet-sour preserves of fruit and vegetables	200 mg/kg (a)
		— Feinkostsalat	350 mg/kg (b)
		— Sweet-sour preserves and semi-preserves of fish and marinades of fish, crustaceans and molluscs	200 mg/kg (a)
		— Energy-reduced soups	110 mg/l (b)
		— Sauces	350 mg/kg (b)
		— Mustard	350 mg/kg (b)
		— Fine bakery products for special nutritional uses	1 000 mg/kg (a)
		— Foods intended for use in energy-restricted diets for weight reduction as referred to in Directive 1996/8/EC	450 mg/kg (a)
		— Dietary foods for special medical purposes as defined in Directive 1999/21/EC	450 mg/kg (a)
		— Food supplements as defined in Directive 2002/46/EC supplied in a liquid form	350 mg/l (a)
		— Food supplements as defined in Directive 2002/46/EC supplied in a solid form	500 mg/kg (a)

▼ **M3**

EC No	Name	Foodstuffs	Maximum usable dose
		— Food supplements as defined in Directive 2002/46/EC, based on vitamins and/or mineral elements and supplied in a syrup-type or chewable form	2 000 mg/kg (a)

▼ **M1**

- **M3** (*) Commission Directive 96/8/EC of 26 February 1996 on foods intended for use in energy-restricted diets for weight reduction (OJ L 55, 6.3.1996, p. 22).
 (**) Commission Directive 1999/21/EC of 25 March 1999 on dietary foods for special medical purposes (OJ L 91, 7.4.1999, p. 29).
 (***) Directive 2002/46/EC of the European Parliament and of the Council of 10 June 2002 on the approximation of the laws of the Member States relating to food supplements (OJ L 183, 12.7.2002, p. 51). ▼
- **M3** (****) Maximum usable doses for the salt of aspartame-acesulfame are derived from the maximum usable doses for its constituent parts, aspartame (E951) and acesulfame-K (E950). The maximum usable doses for both aspartame (E951) and acesulfame-K (E950) are not to be exceeded by use of the salt of aspartame-acesulfame, either alone or in combination with E950 or E951. Limits in this column are expressed either as (a) acesulfame-K equivalents or (b) aspartame equivalents. ▼

▼ M1

Note:

1. For the substance E 952, cyclamic acid and its Na and Ca salts, maximum usable doses are expressed in free acid.
2. For the substance E 954, saccharin and its Na, K and Ca salts, maximum usable doses are expressed in free imide.