

FOOD (AMENDMENT) (NO. 3) REGULATIONS 2002
PU(A) 131/2002

IN exercise of the powers conferred by section 34 of the Food Act 1983 [Act 281], the Minister makes the following regulations:

1. Citation.

These regulations may be cited as the **Food (Amendment) (No. 3) Regulations 2002.**

2. Amendment of regulation 11.

The Food Regulations 1985 [*PU(A) 437/85*], which are referred to as the "principal Regulations" in these Regulations, are amended in sub-regulation 11(1)-

(a) in subparagraph (h)(iii), by deleting the word "essential" wherever it appears; and

(b) in subparagraph (h)(iv), by deleting the word "essential" wherever it appears.

3. Amendment of regulation 26.

Regulation 26 of the principal Regulations is amended-

(a) in sub-regulation (1), by substituting for the words "essential amino acid or essential fatty acid" the words "amino acid, fatty acid or nucleotide";

(b) in sub-regulation (2), by substituting for the words "essential amino acids and essential fatty acids" the words "amino acids, fatty acids nucleotides";

(c) in sub-regulation (6), by deleting the word "essential" wherever it appears; and

(d) in sub-regulation (8), by deleting the word "essential" wherever it appears.

4. New regulation 26A.

The principal regulations are amended by inserting after regulation 26 the following regulation:

"26A. Bifido bacteria.

(1) Bifido bacteria specified in the Twelfth A Schedule may be added to food.

(2) The term "contains bifidus" or "with bifidus" may be used on the label of any package of food containing bifido bacteria.

(3) Where a claim is made as to the presence of bifido bacteria in food, there shall be written in the label of a package containing such food, a statement setting out the viable bifido bacteria count present in a stated quantity of the food.

(4) There shall be written in the label on a package of food containing bifido bacteria the words "CONTAINS VIABLE BACTERIA, REQUIRE SPECIAL STORAGE CONDITION" or "CONTAINS VIABLE BACTERIA, FOLLOW INSTRUCTION FOR STORAGE".

5. Amendment of regulation 90.

Subregulation 90(1) of the principal Regulations is amended by inserting after the words "shall be milk" the words "or recombinated milk".

6. Amendment of regulation 134.

Subregulation 134(1) of the principal Regulations is amended by inserting after the word "isomalt," the word "maltitol,".

7. Amendment of regulation 147.

Subregulation 147(7) of the principal Regulations is amended-

(a) in subparagraph (e)(ii), by substituting for the full stop a semicolon; and

(b) by inserting after subparagraph (e)(ii) the following subparagraph:

"(iii) natural lactic acid."

8. Amendment of regulation 161.

Regulation 161 of the principal Regulations is amended by substituting for subregulation (3) the following subregulation:

"(3) Canned fish may contain permitted flavour enhancer and permitted food conditioner including calcium disodium ethylenediamine tetra-acetate in a proportion not exceeding 300mg/kg."

9. Amendment of regulation 168.

Paragraph 168(2)(a) of the principal Regulations is amended by substituting for the figure "15" the figure "12".

10. Amendment of regulation 185.

Paragraph 185(3)(a) of the principal Regulations is amended by substituting for the figure "0.75" the figure "0.6".

11. New regulation 243A.

The principal Regulations are amended by inserting after regulation 243 the following regulation:

"243A. Fruit nectar.

(1) Fruit nectar shall be the unfermented pulpy or non-pulpy product obtained by blending the fruit juice or total edible part of sound ripe fruits of one or more types, concentrated or unconcentrated, with water and permitted sweetening substance.

(2) The minimum content of fruit ingredient in a fruit nectar shall be as follows:

(a) 50% of citrus (other than lime and lemon);

(b) 40% of apple; (c) 40% of peach; (d) 40% of pear; (e) 35% of apricot;

(f) 30% of mango, papaya, passion fruit, pineapple; (g) 25% of guava; (h) 30% of other fruit.

(3) Where the fruit nectar consists of a combination of the products of two or more fruits in subregulation (2), the amount of each fruit in the fruit nectar shall be such that, when it is expressed as a percentage of the amount required singly, the total amount of the percentages is at least 100.

(4) The total soluble solid content of fruit nectar shall be not less than 12%.

(5) Fruit nectar may contain permitted preservative, permitted flavouring substance, citric acid or malic acid as permitted food conditioner and permitted antioxidant.

(6) For the purposes of subregulation (5), the permitted flavouring substance that may be added to fruit nectar shall be natural flavouring substance.

(7) Notwithstanding subregulation (6), permitted nature - identical flavouring substance may only be added in mango nectar.

(8) There shall be written in the label on a package containing fruit nectar the words "fruit nectar" or the name of such fruit in uniform lettering of not less than 10 point conjoined with the word "nectar" or "mixed fruit nectar" and the names of the type of fruit nectar present in descending order of proportion, as the case may be.

(9) There shall be written in the label on a package containing concentrated fruit nectar a statement giving direction for dilution to produce a nectar or approximately the same standard as prescribed for fruit nectar in these Regulations.

(10) For the purposes of this regulation, "fruit ingredient" means fruit pulp which is free from seeds and skin."

12. Amendment of regulation 269.

Regulation 269 of the principal Regulations is amended by substituting for subregulation (1) the following subregulation:

"(1) Coffee mixture shall be coffee ground with other food substances."

13. Amendment of regulation 360.

Subregulation 360(4) of the principal Regulations is amended by substituting for paragraph (b) the following paragraph:

" (b) a pictorial representation or design of a plant or part of a plant or a floral design that suggests or implies the presence of a plant in the syrup or drink."

14. Amendment of regulation 389.

Regulation 389 of the principal Regulations is amended by inserting after subregulation (3B) the following subregulations:

"(3C) Infant formula may contain-

(a) trans fatty acid not exceeding 1% of the total fat content;

(b) erucic acid not exceeding 1% of the total fat content; and

(c) long-chain (20 and 22 carbon atoms) polyunsaturated fatty acids (LC-PUFA) not exceeding-

(i) 1% of the total fat content for n-3 LC-PUFA; and

(ii) 2% of the total fat content for n-6 LC-PUFA (1% of the total fat content for arachidonic acid).

(3D) The eicosapentaenoic acid (EPA) (20:5 n-3) content in paragraph (c) of subregulation (3C) shall not exceed that of docosahexaenoic acid (DHA) (22:6 n-3) content."

15. New regulation 393A.

The principal Regulations are amended by inserting after regulation 393 the following regulation:

"393A. Special dietary foods with low sodium content including salt substitute.

(1) Special dietary foods with low sodium content shall be foods with special dietary value as the result from the reduction, restriction or removal of sodium and include salt substitutes with low sodium content.

(2) A special dietary food with "low sodium" content other than salt substitutes shall be food which has been processed without the addition of sodium salts, and the sodium content of which shall be-

(a) not more than half of that of the normal product consumed; and

(b) not more than 120mg/100g of the final product as normally consumed.

(3) A special dietary food with "very low sodium" content shall be food which has been processed without the addition of sodium salts, and the sodium content of which shall be-

(a) not more than half of that of the comparable normal product as consumed; and

(b) not more than 40mg/100g of the final product as normally consumed.

(4) Salt substitutes shall contain the ingredients specified in column (1) of the Twenty-fourth A Schedule in accordance with the requirements specified in column (2).

(5) Salt substitutes may contain:

(a) colloidal silica or calcium silicate in not more than 1% w/w of the salt substitute mixture, individually or in combination; or

(b) safe and suitable normally consumed foods (including sugar and cereal flour) as diluents.

(6) The sodium content of salt substitute shall be not more than 120mg/100g of the salt substitute mixture.

(7) The addition of iodine - containing compounds to salt substitutes shall be in accordance with regulation 285 of these Regulations.

(8) A special dietary food with low sodium content may contain salt substitutes which complies with subregulations (4) and (5) and the amount shall be limited in accordance with Good Manufacturing Practice.

(9) The following details shall be written in the label on a package of low sodium food or very low sodium food excluding salt substitutes:

(a) the words "low sodium" or "very low sodium", as the case may be;

(b) the sodium content to the nearest multiple of 5mg/100g and, in addition, per as specified serving of the food as normally consumed;

(c) the average carbohydrate, protein and fat content in 100g of the product as normally consumed, as well as the kilocalorie or kilojoule value;

(d) a statement on the addition of the salt substitutes;

(e) when a salt substitute, composed entirely or partially of a potassium salt, has been added, the total amount of potassium salt expressed as mg cation/100g of the food as normally consumed; and

(f) direction for storage and information regarding its keeping before and after the package has been opened.

(10) The following details shall be written in the label on a package of salt substitutes:

(a) the words "low sodium salt substitute" or "low sodium dietetic salt";

(b) the amount of the cations sodium, potassium, calcium, magnesium, ammonium and choline per 100g w/w contained therein; and

(c) the words "take only on medical advice" on the principal display panel."

16. Amendment of regulation 395.

Regulation 395 of the principal Regulations is amended by inserting after subregulation (3) the following subregulation:

"(3A) No person shall use permitted preservative in food not elsewhere standardized without the prior approval of the Director."

17. Amendment of Sixth Schedule.

Table I of the Sixth Schedule to the principal Regulations is amended-

(a) by inserting after the item "Flavoured drink concentrate requiring more than 50 times dilution and the addition of sugar" under the respective columns the following items and particulars:

"Fresh uncut fruit (the edible portion) 30 Nil Nil";

(b) by inserting after the item "Fruit juice for direct consumption" under the respective columns the following items and particulars:

"Fruit nectar - concentrated 350 800 800

Fruit nectar for direct consumption 140 350 350";

(c) by substituting for the words "Jam, fruit jelly and marmalade" the words "Jam, fruit jelly (including jelly strips in peanut butter) and marmalade";

(d) by substituting for the word "Nil" appearing against the item "Sauce not otherwise specified in this Schedule" the figure "750"; and

(e) by substituting for the word "Nil" appearing against the item "Soya sauce, hydrolysed vegetable protein sauce, hydrolysed plant protein sauce, blended hydrolysed vegetable protein sauce, blended hydrolysed plant protein sauce, oyster sauce and fish sauce" the figure "1000".

18. Amendment of Tenth Schedule.

The Tenth Schedule to the principal Regulations is amended in Table II by inserting after the item "Edible oil and edible fat and ghee (on fat basis)" against the item "Ascorbic acid" in column (2) the item "Fruit nectar".

19. Amendment of Twelfth Schedule.

The Twelfth Schedule to the principal Regulations is amended by substituting for Table I the following Table:

" TABLE I

The following nutrient supplements are permitted in food:

1. *Vitamin and mineral*

Pantothenic acid

Calcium pantothenate

D - pantothenic acid

D - pantothenyl alcohol

Panthenol

Iron (III) - Casein Complex

Iron (Fe)

Carbonyl iron

Electrolytic iron

Ferric ammonium citrate

Ferric caseinate

Ferric citrate

Ferric gluconate

Ferric phosphate

Ferric pyrophosphate

Ferrous carbonate, stabilized

Ferrous citrate

Ferrous fumarate

Ferrous gluconate

Ferrous lactate

Ferrous succinate

Ferrous sulphate

Hydrogen reduced iron

Sodium ferric pyrophosphate

Biotin (Vitamin H)

d-biotin

Folate

Folacin

Folic acid

Phosphorus (P)

Calcium phosphate, (mono, di and tri basic)

Magnesium phosphate (di and tri basic)

Potassium phosphate (mono and di basic)

Sodium phosphate (di basic)

Inositol

Iodine (I)

Calcium phosphate, (mono, di and tri basic)

Magnesium phosphate (di and tri basic)

Potassium phosphate (mono and di basic)

Sodium phosphate (di basic)

Potassium (K)

Potassium bicarbonate

Potassium carbonate

Potassium chloride

Potassium citrate

Potassium gluconate

Potassium glycerophosphate

Potassium phosphate (mono and di basic)

Calcium (Ca)

Calcium carbonate

Calcium chloride

Calcium citrate

Calcium gluconate

Calcium glycerophosphate

Calcium lactate

Calcium oxide

Calcium phosphate (mono, di and tri basic)

Calcium pyrophosphate

Calcium sulphate

Chloride (Cl)

Calcium chloride

Choline chloride

Magnesium chloride

Manganese chloride

Potassium chloride

Sodium chloride

Sodium chloride, iodized

Choline

Choline bitartrate

Choline chloride

Copper (Cu)

Copper gluconate

Cupric carbonate

Cupric citrate

Cupric sulphate

Magnesium (Mg)

Magnesium carbonate

Magnesium chloride

Magnesium citrate

Magnesium oxide

Magnesium phosphate (di basic and tri basic)

Magnesium sulphate

Manganese (Mn)

Manganese carbonate

Manganese chloride

Manganese citrate

Manganese sulphate

Sodium (Na)

Sodium ascorbate

Sodium bicarbonate

Sodium carbonate

Sodium chloride

Sodium chloride, iodized

Sodium citrate

Sodium ferric pyrophosphate

Sodium gluconate

Sodium iodate

Sodium iodide

Sodium lactate

Sodium pantothenate

Sodium phosphate (mono, di and tri basic)

Sodium sulphate

Sodium tartrate

Niacin/ Nicotinic acid

Nicotinamide/ Niacinamide

Pro vitamin A

Beta-carotene

Riboflavin (Vitamin B 2)

Riboflavin

Riboflavin - 5-phosphate

Riboflavin 5' - phosphate sodium

Selenium

Sodium selenate

Sodium selenite

Milk - Protein Iron Complex (MPIC)

Taurine

Thiamine (Vitamin B1)

Thiamin chloride hydrochloride

Thiamin hydrochloride

Thiamin mononitrate

Vitamin A

Retinol (Vitamin A alcohol)

Retinyl acetate (Vitamin A acetate)

Retinyl palmitate (Vitamin A palmitate)

Retinyl propionate

Vitamin B6

Pyridoxal Pyridoxamine

Pyridoxine

Pyridoxine hydrochloride

Vitamin B12

Cyanocobalamin Hydroxycobalamin

Vitamin C

Ascorbic acid

Ascorbyl-6-palmitate

Calcium ascorbate

Sodium ascorbate

Vitamin D

Cholecalciferol-cholesterol

Vitamin D2 (Ergocalciferol)

Vitamin D3 (Cholecalciferol)

Vitamin E

d-alpha-tocopherol

dl-alpha-tocopherol

d-alpha-tocopherol acetate

dl-alpha-tocopherol acetate

d-alpha-tocopheryl succinate

dl-alpha-tocopheryl succinate

Tocopherol

Vitamin K1

Phytylmenaquinone

Zinc (Zn)

Zinc acetate

Zinc chloride

Zinc oxide

Zinc sulphate

2. Amino acids

Lysine

Methionine

3. Fatty acids

Alpha-linolenic acid

Arachidonic acid

Docosahexaenoic acid

Eicosapentaenoic acid

Linoleic acid

Linolenic acid

4. Nucleotides

Adenosine 5' - monophosphate

Cytidine 5' - monophosphate

Guanosine 5' - monophosphate

Inosine 5' - monophosphate

Uridine 5' - monophosphate

NOTE:

Except as otherwise provided in these Regulations, the maximum permitted nutrient supplement shall be governed by Good Manufacturing Practice (GMP)."

20. New Twelfth A Schedule.

The principal Regulations are amended by inserting after the Twelfth Schedule the following Schedule:

"TWELFTH A SCHEDULE

(Regulation 26A)

PERMITTED BIFIDO BACTERIA IN FOOD

(1) <i>Name</i>	(2) <i>Minimum viable cells/g</i>
Bifido bacterium lactis (L-form)	106
Bifido bacterium longum (L-form)	106 "

21. Amendment of Fourteenth Schedule.

The Fourteenth Schedule to the principal Regulations is amended-(a) in Table I, by deleting columns (4) and (6); and (b) in Table II, by deleting columns (5) and (7).

22. New Twenty-fourth A Schedule.

The principal Regulations are amended by inserting after the Twenty-fourth Schedule the following Schedule:

"TWENTY-FOURTH A SCHEDULE

(Regulation 393A)

PERMITTED INGREDIENT IN SALT SUBSTITUTES

(1) <i>Ingredient</i>	(2) <i>Maximum Level</i>
(a) Potassium sulphate, potassium, calcium or ammonium salts of adipic, glutamic, carbonic, succinic, lactic, tartaric, citric, acetic, hydrochloric or orthophosphoric acid;	Not limited, except that P not to exceed 4% w/w and NH ₄ ⁺ 3% w/w of the salt substitute mixture.
(b) Magnesium salts of adipic, glutamic, carbonic, citric, succinic, acetic,	Mg ⁺⁺ to be not more than 20% w/w of the total of the cation K ⁺ , Ca ⁺⁺ and NH ₄ ⁺ present in the salt substitute mixture and P not be to exceed

tartaric, lactic, 4% w/w of the salt substitute mixture.
hydrochloric or
orthophosphoric acids
mixed with other Mg-free
salt substitutes as listed in
(a), (c) and (d);

(c) Choline salts of acetic, The choline content not to exceed 3% w/w of
carbonic, lactic, tartaric, the salt substitute mixture
citric or hydrochloric
acids, mixed with other
choline-free salt substitute
as listed in (a), (b) and
(d);

or

(d) Free adipic, glutamic, Not limited."
citric, lactic or malic
acids.

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DATO' CHUA JUI MENG

Minister of Health