



**NOTIFICATION**

<b>1. Notifying Member:</b> <u>SINGAPORE</u> <b>If applicable, name of local government involved:</b>										
<b>2. Agency responsible:</b> Singapore Food Agency (SFA)										
<b>3. Products covered (provide tariff item number(s) as specified in national schedules deposited with the WTO; ICS numbers should be provided in addition, where applicable):</b> Food										
<b>4. Regions or countries likely to be affected, to the extent relevant or practicable:</b> <input checked="" type="checkbox"/> <b>All trading partners</b> <input type="checkbox"/> <b>Specific regions or countries:</b>										
<b>5. Title of the notified document:</b> Draft Food (Amendment No. X) Regulations 2020. <b>Language(s):</b> English. <b>Number of pages:</b> 8										
<b>6. Description of content:</b> The SFA has completed a review of the Food Regulations and proposes the following amendments: a) To allow the use of new food additives: i. The following new types of steviol glycosides as permitted sweetening agents. These will be accorded the same provisions currently allowed for steviol glycosides extracted from stevia leaves ( <i>Stevia rebaudiana</i> Bertoni) in the Thirteenth Schedule of the Food Regulations: – Rebaudioside A from multiple gene donors expressed in <i>Yarrowia lipolytica</i> – Rebaudioside M produced by enzymatic modification of Rebaudioside A extracted from Stevia leaf, using the enzymes UDP-glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13), produced by genetically modified strains of <i>Escherichia coli</i> K-12 W311 – Rebaudioside M produced by enzymatic conversion of purified Stevia leaf extract, using the enzymes UDP-glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13), produced by genetically modified strains of <i>Pichia pastoris</i> ii. Soy leghemoglobin derived from genetically modified <i>Pichia pastoris</i> for use in meat analogues, up to a level of 0.45% (w/w) iii. Lutein esters from <i>Tagetes erecta</i> (INS 161b(iii)) as a permitted colouring matter, for use in food under good manufacturing practice iv. Ferrous bisglycinate as a permitted form of iron for addition to food v. Sorbitol syrup (INS 420(ii)) for use in food under good manufacturing practice vi. The following new enzyme for use in food under good manufacturing practice: <table border="1" data-bbox="300 1892 1308 1966"> <thead> <tr> <th>Enzyme</th> <th>EC Number</th> <th>Production organism</th> <th>Donor organism</th> <th>Donor gene</th> </tr> </thead> <tbody> <tr> <td>Alpha, alpha-trehalase</td> <td>3.2.1.28</td> <td>Trichoderma longibrachiatum</td> <td>Trichoderma longibrachiatum</td> <td>Alpha alpha-trehalase</td> </tr> </tbody> </table>	Enzyme	EC Number	Production organism	Donor organism	Donor gene	Alpha, alpha-trehalase	3.2.1.28	Trichoderma longibrachiatum	Trichoderma longibrachiatum	Alpha alpha-trehalase
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Alpha, alpha-trehalase	3.2.1.28	Trichoderma longibrachiatum	Trichoderma longibrachiatum	Alpha alpha-trehalase						

b) To extend the use of existing food additives:

- i. A total of nine new provisions for rosemary extract (INS 392) (italicised and underlined in the table below) to be included in the Third Schedule of the Food Regulations. In connection with the amendments, all provisions for rosemary extract (both new and existing) will be consolidated into a new table in the Third Schedule:

Specified Food	Parts per million (expressed as sum of carnosol and carnosic acid)
(a) Dehydrated meat	150
(b) <i>Dried sausages</i>	<u>100</u>
(c) <i>Edible vegetable oils and fats, excluding olive oil</i>	<u>50</u>
(d) <i>Fish oil and algal oil</i>	<u>50</u>
(e) Lard, beef fat, poultry fat, sheep fat and porcine fat	50
(f) <i>Processed meat other than dried sausages:</i>	
(i) <i>with a fat content of 10% or less</i>	<u>15(on a fat or oil basis)</u>
(ii) <i>with a fat content of more than 10%</i>	<u>150(on a fat or oil basis)</u>
(g) <i>Processed nuts, including coated nuts and nut mixtures</i>	<u>200(on a fat or oil basis)</u>
(h) <i>Sauces, gravies and dressings, and their mixes</i>	<u>100(on a fat or oil basis)</u>
(i) <i>Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes)</i>	<u>50(on a fat or oil basis)</u>
(j) <i>Vegetable, nut and seed spreads</i>	<u>200(on a fat or oil basis)</u>

- ii. (ii) Benzoates (referring to benzoic acid and its sodium and potassium salts (INS 210, 211 and 212)) and sorbates (sorbic acid and its sodium, potassium and calcium salts (INS 200, 201, 202 and 203)), for use in non-fruit fillings, at levels up to 1500 ppm and 1000 ppm respectively, when either benzoates or sorbates are used as the sole preservative. In connection with this new provision, the existing food category name of "Decorations, icings and frostings" in the Fourth Schedule will be amended to "Decorations (icings and frostings), non-fruit fillings and toppings, and sweet sauces".
- iii. (iii) Revision of the maximum permitted levels for acesulfame potassium (INS 950) and sucralose (INS 955) in various types of confectionery:

	Acesulfame-K	Sucralose
Hard candy (except for microsweets and breath-freshening mints, where up to 2500 ppm is permitted)	500	1800 (except for microsweets and breath-freshening mints, where up to 2500 ppm is permitted)
Nougats and marzipans	1000	1800
Soft candy (except for microsweets and breath-freshening mints, where up to 2000 ppm is permitted)	1000	1800 (except for microsweets and breath-freshening mints, where up to 3000 ppm is permitted)

- c) Revision of the standard for butter in Regulation 116, with respect to the product definition, raw materials, permitted ingredients and composition, to be in line with the Codex Standard for Butter (CODEX STAN 279-1971).
- d) Amendment to the name of an existing food additive, from "Hydrogenated glucose syrup (maltitol and maltitol-based products)", to "Maltitol" and "Maltitol syrup (hydrogenated glucose syrup)". (e) Deletion of Regulation 204(2) which specifies the geographical origin of Scotch Whisky

**7. Objective and rationale:  food safety,  animal health,  plant protection,  protect humans from animal/plant pest or disease,  protect territory from other damage from pests.**

<p><b>8. Is there a relevant international standard? If so, identify the standard:</b></p> <p><input checked="" type="checkbox"/> <b>Codex Alimentarius Commission (e.g. title or serial number of Codex standard or related text):</b></p> <ul style="list-style-type: none"> <li>- Codex General Standard for Food Additives (CODEX STAN 192-1995);</li> <li>- Codex Advisory List of Amino Acids for use in Foods for Special Dietary Uses Intended for Infants and Young Children (CAC/GL 10-1979);</li> <li>- Codex Standard for Butter (CODEX STAN 279-1971)</li> </ul> <p><input type="checkbox"/> <b>World Organization for Animal Health (OIE) (e.g. Terrestrial or Aquatic Animal Health Code, chapter number):</b></p> <p><input type="checkbox"/> <b>International Plant Protection Convention (e.g. ISPM number):</b></p> <p><input type="checkbox"/> <b>None</b></p> <p><b>Does this proposed regulation conform to the relevant international standard?</b></p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><b>If no, describe, whenever possible, how and why it deviates from the international standard:</b></p>
<p><b>9. Other relevant documents and language(s) in which these are available:</b> Food Regulations: <a href="https://sso.agc.gov.sg/SL/SFA1973-RG1">https://sso.agc.gov.sg/SL/SFA1973-RG1</a></p>
<p><b>10. Proposed date of adoption (dd/mm/yy):</b> Second half of 2020.</p> <p><b>Proposed date of publication (dd/mm/yy):</b> Same day as the adoption of the measure.</p>
<p><b>11. Proposed date of entry into force: <input type="checkbox"/> Six months from date of publication, and/or (dd/mm/yy):</b> Same day as the adoption of the measure; following adoption of the new amendments, a 12-month grace period will be given for food businesses to sell food products that were part of the existing stock-in-trade, provided such food products are in compliance with the previous standard, had it not been amended by the new measure</p> <p><input checked="" type="checkbox"/> <b>Trade facilitating measure</b></p>
<p><b>12. Final date for comments: <input checked="" type="checkbox"/> Sixty days from the date of circulation of the notification and/or (dd/mm/yy):</b> 5 June 2020</p> <p><b>Agency or authority designated to handle comments: <input type="checkbox"/> National Notification Authority, <input checked="" type="checkbox"/> National Enquiry Point. Address, fax number and e-mail address (if available) of other body:</b></p>

**13. Text(s) available from: [ ] National Notification Authority, [X] National Enquiry Point. Address, fax number and e-mail address (if available) of other body:**

The public consultation document and proposed regulations will be made available at the following website:

<http://www.sfa.gov.sg/legislation>

*(select "Sale of Food Act", then click on "Consultation on Draft Food (Amendment No. X) Regulations 2020" and "Draft Food (Amendment No. X) Regulations 2020")*

Alternatively, please write in to:

Food Regulatory Management Division

Regulatory Standards Department

Singapore Food Agency

52 Jurong Gateway Road #14-01

Singapore 608550

Tel: +(65) 6805 2912

Fax: +(65) 6334 1831

E-mail: [WTO\\_Contact@sfa.gov.sg](mailto:WTO_Contact@sfa.gov.sg)

[adelene\\_yap@sfa.gov.sg](mailto:adelene_yap@sfa.gov.sg)