§ 184.1261 Copper sulfate.

(a) Copper sulfate (cupric sulfate, CuSO₄·5 H₂O, CAS Reg. No. 7758-99-4) usually is used in the pentahydrate form. This form occurs as large, deep blue or ultramarine, triclinic crystals; as blue granules, or as a light blue powder. The ingredient is prepared by the reaction of sulfuric acid with cupric oxide or with copper metal.

(b) The ingredient is prepared by the reaction of gluconic acid solutions with cupric oxide or basic cupric carbonate.

(c) In accordance with §184.1(b)(1), the ingredient is used in food with no limitation other than current good manufacturing practice. The affirmation of this ingredient as generally recognized as safe (GRAS) as a direct human food ingredient is based upon the following current good manufacturing practice conditions of use:

(1) The ingredient is used as a nutrient supplement as defined in §170.3(o)(20) of this chapter and as a synergist as defined in §170.3(o)(31) of this chapter.

(2) The ingredient is used in food at levels not to exceed current good manufacturing practice. Copper sulfate may be used in infant formula in accordance with section 412(g) of the Federal Food, Drug, and Cosmetic Act (the Act) or with regulations promulgated under section 412(a)(2) of the Act.

(d) Prior sanctions for this ingredient different from the uses established in this section do not exist or have been waived.


§ 184.1262 Corn silk and corn silk extract.

(a) Corn silk is the fresh styles and stigmas of Zea mays L. collected when the corn is in milk. The filaments are extracted with dilute ethanol to produce corn silk extract. The extract may be concentrated at a temperature not exceeding 60 °C.

(b) The ingredient must be of a purity suitable for its intended use.

(c) In accordance with §184.1(b)(2), the ingredients are used in food only within the following specific limitations:

<table>
<thead>
<tr>
<th>Category of food</th>
<th>Maximum level of use in food (as served)¹</th>
<th>Functional use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baked goods and baking mixes, § 170.3(n)(1) of this chapter.</td>
<td>30</td>
<td>Flavoring agent, § 170.3(o)(12) of this chapter.</td>
</tr>
<tr>
<td>Nonalcoholic beverages, § 170.3(n)(3) of this chapter.</td>
<td>20</td>
<td>Do.</td>
</tr>
<tr>
<td>Frozen dairy desserts, § 170.3(n)(20) of this chapter.</td>
<td>10</td>
<td>Do.</td>
</tr>
</tbody>
</table>

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