§ 184.1666 Propylene glycol.

(a) Propylene glycol (C₃H₈O₂, CAS Reg. No. 57–55–6) is known as 1,2-propanediol. It does not occur in nature. Propylene glycol is manufactured by treating propylene with chlorinated water to form the chlorohydrin which is converted to the glycol by treatment with sodium carbonate solution. It is also prepared by heating glycerol with sodium hydroxide.

(b) The ingredient meets the specifications of the Food Chemicals Codex, 3d Ed. (1981), p. 255, which is incorporated by reference. Copies may be obtained from the National Academy Press, 2101 Constitution Ave., NW., Washington, DC 20418. It is also available for inspection at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202–741–6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

(c) The ingredient is used as an anticaking agent as defined in §170.3(o)(1) of this chapter; antioxidant as defined in §170.3(o)(3) of this chapter; dough strengtheners as defined in §170.3(o)(6) of this chapter; emulsifier as defined in §170.3(o)(8) of this chapter; flavor agent as defined in §170.3(o)(12) of this chapter; formulation aid as defined in §170.3(o)(14) of this chapter; humectant as defined in §170.3(o)(16) of this chapter; processing aid as defined in §170.3(o)(24) of this chapter; solvent and vehicle as defined in §170.3(o)(27) of this chapter; stabilizer and thickener as defined in §170.3(o)(29) of this chapter; surface-active agent as defined in §170.3(o)(29) of this chapter;...
§ 184.1670  Propylparaben.

(a) Propylparaben is the chemical propyl p-hydroxybenzoate. It is produced by the n-propanol esterification of p-hydroxybenzoic acid in the presence of sulfuric acid, with subsequent distillation.

(b) The ingredient meets the specifications of the “Food Chemicals Codex,” 3d Ed. (1981), p. 258, which is incorporated by reference. Copies may be obtained from the National Academy Press, 2101 Constitution Ave. NW., Washington, DC 20418, or may be examined at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202–741–6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

(c) The ingredient is used as an antimicrobial agent as defined in §170.3(o)(2) of this chapter.

(d) The ingredient is used in food at levels not to exceed good manufacturing practice. Current good manufacturing practice results in a maximum level of 0.1 percent in food.

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

[47 FR 27812, June 25, 1982]

§ 184.1670  Pyridoxine hydrochloride.

(a) Pyridoxine hydrochloride (C₈H₁₁NO₃·HCl, CAS Reg. No. 58–56–0) is the chemical 3-hydroxy-4,5-dihydroxymethyl-2-methylpyridine hydrochloride that is prepared by chemical synthesis.


(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.

(2) The ingredient is used in the following foods at levels not to exceed current good manufacturing practice: baked goods as defined in §170.3(n)(1) of this chapter; nonalcoholic beverages and beverage bases as defined in §170.3(n)(3) of this chapter; breakfast cereals as defined in §170.3(n)(4) of this chapter; dairy product analogs as defined in §170.3(n)(10) of this chapter; meat products as defined in §170.3(n)(29) of this chapter; milk products as defined in §170.3(n)(31) of this chapter; plant protein products as defined in §170.3(n)(33) of this chapter; and snack foods as defined in §170.3(n)(37) of this chapter. Pyridoxine hydrochloride may be used in infant formula in accordance with section 412(g) of the Federal Food, Drug, and