Food and Drug Administration, HHS

§ 189.190

20.008(b) of the “Official Methods of Analysis of the AOAC INTERNATIONAL, 13th Ed. (1980), which is incorporated by reference. Copies may be obtained from the AOAC INTERNATIONAL, 481 North Frederick Ave., suite 500, Gaithersburg, MD 20877, 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.


§ 189.175 P–4000.

(a) P–4000 is the chemical 5-nitro-2-n-propoxyaniline, C_{9}H_{12}N_{2}O_{3}. It is a synthetic chemical having a sweet taste about 4000 times that of sucrose, is not found in natural products at levels detectable by the official methodology, and has been proposed for use as an artificial sweetener.

(b) Food containing any added or detectable level of P–4000 is deemed to be adulterated in violation of the act based upon an order published in the FEDERAL REGISTER of January 19, 1950 (15 FR 321).

(c) The analytical methods used for detecting P–4000 in food are in sections 20.177–20.181 of the “Official Methods of Analysis of the Association of Official Analytical Chemists,” 13th Ed. (1980), which is incorporated by reference. Copies may be obtained from the AOAC INTERNATIONAL, 481 North Frederick Ave., suite 500, Gaithersburg, MD 20877, 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.


§ 189.190 Thiourea.

(a) Thiourea is the chemical thiocarbamide, CH_{4}N_{2}S. It is a synthetic chemical, is not found in natural products at levels detectable by the official methodology, and has been proposed as an antimycotic for use in dipping citrus.

(b) Food containing any added thiourea is deemed to be adulterated under the act.

(c) The analytical methods used for detecting thiourea are in sections 20.115–20.126 of the “Official Methods of Analysis of the Association of Official Anal
dy the text continues with more regulations and references.
§ 189.191 Chlorofluorocarbon propellants.

The use of chlorofluorocarbons in human food as propellants in self-presurized containers is prohibited as provided by §2.125 of this chapter.


Subpart D—Substances Prohibited From Indirect Addition to Human Food Through Food-Contact Surfaces


§ 189.220 Flectol H.

(a) Flectol H is the chemical 1,2-dihydro-2,2,4-trimethylquinoline, polymerized, C12H15N. It is a synthetic chemical not found in natural products, and has been used as a component of food packaging adhesives.

(b) Food containing any added or detectable level of this substance is deemed to be adulterated in violation of the act based upon an order published in the Federal Register of April 7, 1967 (32 FR 5675).


§ 189.240 Lead solders.

(a) Lead solders are alloys of metals that include lead and are used in the construction of metal food cans.

(b) Food packaged in any container that makes use of lead in can solder is deemed to be adulterated in violation of the Federal Food, Drug, and Cosmetic Act, based upon an order published in the Federal Register of June 27, 1995.

[60 FR 33109, June 27, 1995]

§ 189.250 Mercaptoimidazoline and 2-mercaptoimidazoline.

(a) Mercaptoimidazoline and 2-mercaptoimidazoline both have the molecular formula C3H6N2S. They are synthetic chemicals not found in natural products and have been used in the production of rubber articles that may come into contact with food.

(b) Food containing any added or detectable levels of these substances is deemed to be adulterated in violation of the act based upon an order published in the Federal Register of November 30, 1973 (38 FR 33072).

[43 FR 11317, Mar. 17, 1978]

§ 189.280 4,4′-Methylenebis (2-chloroaniline).

(a) 4,4′-Methylenebis (2-chloroaniline) has the molecular formula C13H12Cl2N2. It is a synthetic chemical not found in natural products and has been used as a polyurethane curing agent and as a component of food packaging adhesives and polyurethane resins.

(b) Food containing any added or detectable level of this substance is deemed to be adulterated in violation of the act based upon an order published in the Federal Register of December 2, 1969 (34 FR 19073).

[60 FR 33109, June 27, 1995]

§ 189.300 Hydrogenated 4,4′-isopropylidene-diphenolphosphate ester resins.

(a) Hydrogenated 4,4′-isopropylidene-diphenolphosphate ester resins are the condensation product of 1 mole of triphenyl phosphate and 1.5 moles of hydrogenated 4,4′-isopropylidene-diphenol such that the finished resins have a molecular weight in the range of 2,400 to 3,000. They are synthetic chemicals not found in natural products and have been used as antioxidants and as stabilizers in vinyl chloride polymer resins when such polymer resins are used in the manufacture of rigid vinyl chloride polymer bottles.

(b) Food containing any added or detectable levels of these substances is