(iii) Adequate directions for use to provide a final food product that complies with the limitations prescribed in paragraphs (d) and (e) of this section.

(2) The label of any finished food product containing the additive shall bear:

(i) The name of the additive.

(ii) The amount of the additive, calculated as saccharin, as follows:

(a) For beverages, in milligrams per fluid ounce;

(b) For cooking or table use products, in milligrams per dispensing unit;

(c) For processed foods, in terms of the weight or size of a serving which shall be that quantity of the food containing 30 milligrams or less of the additive.

(iii) When the additive is used for calorie reduction, such other labeling as is required by part 105 of this chapter.


PART 181—PRIOR-SANCTIONED FOOD INGREDIENTS

Subpart A—General Provisions

§ 181.1 General.

(a) An ingredient whose use in food or food packaging is subject to a prior sanction or approval within the meaning of section 201(s)(4) of the Act is exempt from classification as a food additive. The Commissioner will publish in this part all known prior sanctions. Any interested person may submit to the Commissioner a request for publication of a prior sanction, supported by evidence to show that it falls within section 201(s)(4) of the Act.

(b) Based upon scientific data or information that shows that use of a prior-sanctioned food ingredient may be injurious to health, and thus in violation of section 402 of the Act, the Commissioner will establish or amend an applicable prior sanction regulation to impose whatever limitations or conditions are necessary for the safe use of the ingredient, or to prohibit use of the ingredient.

(c) Where appropriate, an emergency action level may be issued for a prior-sanctioned substance, pending the issuance of a final regulation in accordance with paragraph (b) of this section. Such an action level shall be issued pursuant to section 402(a) of the Act to identify, based upon available data, conditions of use of the substance that may be injurious to health. Such an action level shall be issued in a notice published in the FEDERAL REGISTER and shall be followed as soon as practicable by a proposed regulation in accordance with paragraph (b) of this section. Where the available data demonstrate that the substance may be injurious at any level, use of the substance may be prohibited. The identification of a prohibited substance may be made in part 189 of this chapter when appropriate.


§ 181.5 Prior sanctions.

(a) A prior sanction shall exist only for a specific use(s) of a substance in
§ 181.24

Subpart B—Specific Prior-Sanctioned Food Ingredients

§ 181.22 Certain substances employed in the manufacture of food-packaging materials.

Prior to the enactment of the food additives amendment to the Federal Food, Drug, and Cosmetic Act, sanctions were granted for the usage of the substances listed in §§ 181.23, 181.24, 181.25, 181.26, 181.27, 181.28, 181.29, and 181.30 in the manufacture of packaging materials. So used, these substances are not considered "food additives" within the meaning of section 201(s) of the Act, provided that they are of good commercial grade, are suitable for association with food, and are used in accordance with good manufacturing practice. For the purpose of this subpart, good manufacturing practice for food-packaging materials includes the restriction that the quantity of any of these substances which becomes a component of food as a result of use in food-packaging materials shall not be intended to accomplish any physical or technical effect in the food itself, shall be reduced to the least amount reasonably possible, and shall not exceed any limit specified in this subpart.

[42 FR 56728, Oct. 28, 1977]

§ 181.23 Antimycotics.

Substances classified as antimycotics, when migrating from food-packaging material shall include:

- Calcium propionate.
- Methylparaben (methyl p-hydroxybenzoate).
- Propylparaben (propyl p-hydroxybenzoate).
- Sodium benzoate.
- Sodium propionate.
- Sorbic acid.


§ 181.24 Antioxidants.

Substances classified as antioxidants, when migrating from food-packaging material shall include:

- BHT (butylated hydroxytoluene).
- BHA (butylated hydroxyanisole).
- Sulforaphane.
- Vanillyl alcohol.

[42 FR 56728, Oct. 28, 1977]
material (limit of addition to food, 0.005 percent) shall include:

- Butylated hydroxyanisole.
- Butylated hydroxytoluene.
- Dilauryl thiodipropionate.
- Distearyl thiodipropionate.
- Gum guaiac.
- Nordihydroguaiaretic acid.
- Propyl gallate.
- Thiodipropionic acid.
- 2,4,5-Trihydroxy butyrophenone.

§ 181.25 Driers.

Substances classified as driers, when migrating from food-packaging material shall include:

- Cobalt caprylate.
- Cobalt linoleate.
- Cobalt naphthenate.
- Cobalt tallate.
- Iron caprylate.
- Iron linoleate.
- Iron naphthenate.
- Iron tallate.
- Manganese caprylate.
- Manganese linoleate.
- Manganese naphthenate.
- Manganese tallate.

§ 181.26 Drying oils as components of finished resins.

Substances classified as drying oils, when migrating from food-packaging material (as components of finished resins) shall include:

- Chinawood oil (tung oil).
- Dehydrated castor oil.
- Linseed oil.
- Tall oil.

§ 181.27 Plasticizers.

Substances classified as plasticizers, when migrating from food-packaging material shall include:

- Acetyl tributyl citrate.
- Acetyl triethyl citrate.
- p-tert-Butylphenyl salicylate.
- Butyl stearate.
- Butylphthalyl butyl glycolate.
- Dibutyl sebacate.
- Di-(2-ethylhexyl) phthalate (for foods of high water content only).
- Diethyl phthalate.
- Diisobutyl adipate.
- Disooctyl phthalate (for foods of high water content only).
- Diphenyl-2-ethylhexyl phosphate.
- Epoxidized soybean oil (iodine number maximum 6; and oxirane oxygen, minimum, 6.0 percent).
- Ethylphthalyl ethyl glycolate.
- Glycerol monooleate.
- Monoisopropyl citrate.
- Mono, di-, and tristearyl citrate.
- Triacetin (glycerol triacetate).
- Triethyl citrate.
- 3-(2-Xenolyl)-1,2-epoxypropane.

§ 181.28 Release agents.

Substances classified as release agents, when migrating from food-packaging material shall include:

- Dimethylpolysiloxane (substantially free from hydrolyzable chloride and alkoxy groups, no more than 18 percent loss in weight after heating 4 hours at 200 °C.; viscosity 300 centistokes, 600 centistokes at 25 °C, specific gravity 0.96 to 0.97 at 25 °C, refractive index 1.400 to 1.404 at 25 °C).
- Linoleamide (linoleic acid amide).
- Oleamide (oleic acid amide).
- Palmitamide (palmitic acid amide).
- Stearamide (stearic acid amide).

§ 181.29 Stabilizers.

Substances classified as stabilizers, when migrating from food-packaging material shall include:

- Aluminum mono-, di-, and tristearate.
- Ammonium citrate.
- Ammonium potassium hydrogen phosphate.
- Calcium citrate.
- Calcium hydrogen phosphate.
- Calcium oleate.
- Calcium acetate.
- Calcium carbonate.
- Calcium ricinoleate.
- Calcium stearate.
- Disodium hydrogen phosphate.
- Magnesium citrate.
- Magnesium stearate.
- Magnesium hydrogen phosphate.
- Mono-, di-, and trisodium citrate.
- Mono-, di-, and tripotassium citrate.
- Potassium oleate.
- Potassium stearate.
- Sodium pyrophosphate.
- Sodium stearate.
- Sodium tetrapyrophosphate.
Food and Drug Administration, HHS

§ 181.30 Substances used in the manufacture of paper and paperboard products used in food packaging.

Substances used in the manufacture of paper and paperboard products used in food packaging shall include:

- Aliphatic polyoxyethylene ethers.*
- 1-Alkyl (C₆-C₁₈) 3-amino-3-aminopropane monoacetate.*
- Borax or boric acid for use in adhesives, sizes, and coatings.*
- Butadiene-styrene copolymer.
- Chromium complex of perfluoro-octane sulfonyl glycine for use on paper and paperboard which is waxed.*
- Disodium cyanodithioimidocarbamate with ethylene diamine and potassium N-methyl dithiocarbamate and/or sodium 2-mercaptobenzothiazole (slimicides).*
- Ethyl acrylate and methyl methacrylate copolymers of itaconic acid or methacrylic acid for use only on paper and paperboard which is waxed.*
- Hexamethylene tetramine as a setting agent for protein, including casein.*
- 1-(2-Hydroxyethyl)-1-(4-chlorobutyl)-2-alkyl (C₆-C₁₇) imidazolinium chloride.*
- Itaconic acid (polymerized).
- Melamine formaldehyde polymer.
- Methyl acrylate (polymerized).
- Methyl ethers of mono-, di-, and tripropylene glycol.*
- Myristo chromic chloride complex.
- Nitrocellulose.
- Polyethylene glycol 400.
- Polyvinyl acetate.
- Potassium pentachlorophenate as a slime control agent.*
- Potassium trichlorophenate as a slime control agent.*
- Resins from high and low viscosity polyvinyl alcohol for fatty foods only.
- Rubber hydrochloride.
- Sodium pentachlorophenate as a slime control agent.*
- Sodium-trichlorophenate as a slime control agent.*
- Stearato-chromic chloride complex.
- Titanium dioxide.*
- Urea formaldehyde polymer.

*Under the conditions of normal use, these substances would not reasonably be expected to migrate to food, based on available scientific information and data.

Vinylidine chlorides (polymerized).

§ 181.32 Acrylonitrile copolymers and resins.

(a) Acrylonitrile copolymers and resins listed in this section, containing less than 30 percent acrylonitrile and complying with the requirements of paragraph (b) of this section, may be safely used as follows:

(1) Films. (i) Acrylonitrile/butadiene/styrene copolymers—no restrictions.

(ii) Acrylonitrile/butadiene copolymers—no restrictions.

(iii) Acrylonitrile/butadiene copolymer blended with vinyl chloride-vinyl acetate (optional at level up to 5 percent by weight of the vinyl chloride resin) for use only in contact with oleomargarine.

(iv) Acrylonitrile/styrene copolymer—no restrictions.

(2) Coatings. (i) Acrylonitrile/butadiene copolymer blended with polyvinyl chloride resins—for use only on paper and paperboard in contact with meats and lard.

(ii) Polyvinyl chloride resin blended with either acrylonitrile/butadiene copolymer or acrylonitrile/styrene copolymer mixed with neoprene, for use as components of conveyor belts to be used with fresh fruits, vegetables, and fish.

(iii) Acrylonitrile/butadiene/styrene copolymer—no restrictions.

(iv) Acrylonitrile/styrene copolymer—no restrictions.

(3) Rigid and semirigid containers. (i) Acrylonitrile/butadiene/styrene copolymer—for use only as piping for handling food products and for repeated-use articles intended to contact food.

(ii) Acrylonitrile/styrene resin—no restrictions.

(iii) Acrylonitrile/butadiene/styrene copolymer blended with polyvinyl chloride resin—for use only as extruded pipe.

(b) Limitations for acrylonitrile monomer extraction for finished food-contact articles, determined by using the method of analysis titled “Gas-Solid Chromatographic Procedure for Determining Acrylonitrile Monomer in Acrylonitrile-Containing Polymers and Food-Simulating Solvents,” which is incorporated by reference. Copies are available from the Center for Food Safety and Applied Nutrition (HFS–
§ 181.33 Sodium nitrate and potassium nitrate.

Sodium nitrate and potassium nitrate are subject to prior sanctions issued by the U.S. Department of Agriculture for use as color fixatives and preservative agents, with or without sodium or potassium nitrate, in the curing of red meat and poultry products.

[48 FR 1705, Jan. 14, 1983]

§ 181.34 Sodium nitrite and potassium nitrite.

Sodium nitrite and potassium nitrite are subject to prior sanctions issued by the U.S. Department of Agriculture for use as color fixatives and preservative agents, with or without sodium or potassium nitrate, in the curing of red meat products and cured poultry products.

[48 FR 1705, Jan. 14, 1983]