

Environmental Protection Agency

§ 180.149

§ 180.145 Fluorine compounds; tolerances for residues.

(a) *General.* (1) Tolerances are established for combined residues of the insecticidal fluorine compounds cryolite and synthetic cryolite (sodium aluminum fluoride) in or on the following agricultural commodities:

Commodity	Parts per million
Apricot	7
Blackberry	7
Blueberry (huckleberry)	7
Boysenberry	7
Broccoli	7
Brussels sprouts	7
Cabbage	7
Cauliflower	7
Collards	7
Cranberry	7
Cucumber	7
Dewberry	7
Eggplant	7
Fruit, citrus	7
Grape	7
Kale	7
Kohlrabi	7
Lettuce	7
Loganberry	7
Melon	7
Nectarine	7
Peach	7
Pepper	7
Plum, prune, fresh	7
Pumpkin	7
Raspberry	7
Squash, summer	7
Squash, winter	7
Strawberry	7
Tomato	7
Youngberry	7

(2) Time-limited tolerances are established for residues of the insecticidal fluorine compounds cryolite and synthetic cryolite (sodium aluminum fluoride) in or on the commodities as follows:

Commodity	Parts per million	Expiration/revocation date
Potato	2.0	11/21/2001
Potato, waste from processing	22.0	11/21/2001

(3) Tolerances are established for residues of fluoride in or on the following commodities from the postharvest fumigation with sulfuryl fluoride for the control of insects:

Commodity	Parts per million
Barley, bran, postharvest	45.0
Barley, flour, postharvest	45.0
Barley, grain, postharvest	15.0
Barley, pearled, postharvest	45.0

Commodity	Parts per million
Corn, aspirated grain fractions, postharvest	55.0
Corn, field, flour, postharvest	35.0
Corn, field, grain, postharvest	10.0
Corn, field, grits, postharvest	10.0
Corn, field, meal, postharvest	30.0
Corn pop, grain, postharvest	10.0
Fruit, dried, postharvest (other than raisin)	3.0
Grape, raisin, postharvest	7.0
Millet, grain, postharvest	40.0
Nut, tree, Group 14, postharvest	10.0
Oat, flour, postharvest	75.0
Oat, grain, postharvest	25.0
Oat, rolled, postharvest	75.0
Pistachio, postharvest	10.0
Rice, bran, postharvest	31.0
Rice, grain, postharvest	12.0
Rice, hulls, postharvest	35.0
Rice, polished, postharvest	25.0
Rice, wild, grain, postharvest	25.0
Sorghum, grain, postharvest	40.0
Triticale, grain, postharvest	40.0
Wheat, bran, postharvest	40.0
Wheat, flour, postharvest	125.0
Wheat, germ, postharvest	130.0
Wheat, grain, postharvest	40.0
Wheat, milled byproducts, postharvest	130.0
Wheat, shorts, postharvest	40.0

(b) *Section 18 emergency exemptions.*
[Reserved]

(c) *Tolerances with regional registrations.* Tolerances with regional registration, as defined by §180.1(n), are established for the combined residues of the insecticidal fluorine compounds, cryolite and synthetic cryolite (sodium aluminum fluoride), in or on the following raw agricultural commodities:

Commodity	Parts per million
Kiwifruit	15

(d) *Indirect or inadvertent residues.*
[Reserved]

[54 FR 6916, Feb. 15, 1989, as amended at 58 FR 26689, May 5, 1993; 62 FR 64301, Dec. 5, 1997; 63 FR 57073, Oct. 26, 1998; 64 FR 4311, Jan. 28, 1999; 67 FR 5740, Feb. 7, 2002; 67 FR 49615, July 31, 2002; 69 FR 3256, Jan. 23, 2004; 69 FR 33578, June 16, 2004]

§ 180.149 Mineral oil; tolerances for residues.

(a) *General.* (1) For the purposes of this section, the insecticide mineral oil is defined as the refined petroleum fraction having the following characteristics:

- (i) Minimum flashpoint of 300 °F.
- (ii) Gravity of 27 to 34 by the American Petroleum Institute standard method.
- (iii) Pour point of 30 °F maximum.

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(iv) Color 2 maximum by standards of the American Society for Testing Materials.

(v) Boiling point between 480 °F and 960 °F.

(vi) Viscosity at 100 °F of 100 to 200 seconds Saybolt.

(vii) Unsulfonated residue of 90 percent minimum.

(viii) No sulfur compounds according to the United States Pharmacopeia test under Liquid Petrolatum.

(2) Tolerances for residues of mineral oil as specified in paragraph (a)(1) of this section are established in or on the following food commodities:

Commodity	Parts per million
Corn, grain, postharvest	200
Sorghum, grain, grain, postharvest	200

(b) Section 18 emergency exemptions. [Reserved]

(c) Tolerances with regional registrations. [Reserved]

(d) Indirect or inadvertent residues. [Reserved]

[68 FR 39438, July 1, 2003]

§ 180.151 Ethylene oxide; tolerances for residues.

(a) General. (1) Tolerances are established for residues of the antimicrobial agent and insecticide ethylene oxide, when used as a postharvest fumigant in or on the following food commodities:

Commodity	Parts per million
Coconut, copra	50
Spices, whole	50
Walnut, black	50

(2) Ethylene oxide may be safely used as a fumigant for the control of microorganisms and insect infestation in ground spices and other processed natural seasoning materials, except mixtures to which salt has been added, in accordance with the following prescribed conditions:

(i) Ethylene oxide, either alone or admixed with carbon dioxide or dichlorodifluoromethane, shall be used in amounts not to exceed that required to accomplish the intended technical effects. If used with dichlorodifluoromethane, the dichlorodifluoromethane shall conform with the requirements

prescribed by 21 CFR 173.355 of this chapter.

(ii) To assure safe use of the fumigant, its label and labeling shall conform to that registered with the U.S. Environmental Protection Agency and it shall be used in accordance with such label or labeling.

(iii) Residues of ethylene oxide in ground spices from both postharvest application to whole spices and application to the ground spices shall not exceed the established tolerance of 50 parts per million for residues in whole spices in paragraph (a)(1) of this section.

(b) Section 18 emergency exemptions. [Reserved]

(c) Tolerances with regional registrations. [Reserved]

(d) Indirect or inadvertent residues. [Reserved]

[65 FR 33695, May 24, 2000]

§ 180.152 Sodium dimethyldithiocarbamate; tolerance for residues.

A tolerance of 25 parts per million is established for residues of the fungicide sodium dimethyldithiocarbamate, calculated as zinc ethylene-bisdithiocarbamate, in or on melon.

§ 180.153 Diazinon; tolerances for residues.

(a) General. (1) Tolerances are established for residues of the insecticide diazinon (O,O-diethyl O-[6-methyl-2-(1-methylethyl)-4-pyrimidinyl]phosphorothioate; CAS Reg. No. 333-41-5) in or on the following raw agricultural commodities:

Commodity	Parts per million
Alfalfa, fresh	40.0
Alfalfa, hay	10.0
Almond	0.5
Almond, hulls	3.0
Apple	0.5
Apricot	0.5
Banana (NMT 0.1 ppm shall be present in the pulp after peel is removed)	0.2
Bean, lima	0.5
Bean, snap, succulent	0.5
Beet, garden, roots	0.75
Beet, sugar, roots	0.5
Beet, sugar, tops	10.0
Beet, garden, tops	0.7
Blackberry	0.5
Blueberry	0.5
Carrot, roots	0.75
Cattle, fat	0.7