

**Environmental Protection Agency**

**§ 180.149**

Commodity	Parts per million
Pear .....	2
Plum, prune, dried .....	4
Plum, prune, fresh .....	1
Sheep, fat .....	0.2
Sheep, kidney .....	0.5
Sheep, liver .....	0.5
Sheep, meat byproducts, except kidney and liver .....	0.2
Sheep, meat .....	0.2
Strawberry .....	3
Walnut .....	0.5

(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

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

(c) *Tolerances with regional registrations.* [Reserved]

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

[65 FR 33708, May 24, 2000]

**§ 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
Beet, roots .....	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
Radish, roots .....	7
Raspberry .....	7
Rutabaga, roots .....	7
Squash, summer .....	7
Squash, winter .....	7
Strawberry .....	7
Tomato .....	7
Turnip, roots .....	7
Youngberry .....	7

(3) Temporary tolerances are established for residues of fluoride resulting from the postharvest treatment with sulfuranyl fluoride. The tolerances are measured and expressed as ppm of fluoride. Total residues of fluoride in or on raisins from the use of cryolite on grape, addressed in paragraph (a)(1) of this section, or sulfuranyl fluoride on raisins shall not exceed the tolerance list in the following table.

Commodity	Parts per million	Expiration/Revocation Date
Raisins .....	30.0	9/1/06
Walnut .....	12.0	9/1/06

(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]

**§ 180.149 Mineral oil; tolerances for residues.**

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

- (1) Minimum flashpoint of 300 °F.

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(2) Gravity of 27 to 34 by the American Petroleum Institute standard method.

(3) Pour point of 30 °F. maximum.

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

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

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

(7) Unsulfonated residue of 90 percent minimum.

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

(b) Tolerances of 200 parts per million for residues of mineral oil as specified in paragraph (a) of this section are established in or on the following grains from postharvest application: Shelled corn, grain sorghum.

**§ 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
Black walnut meats .....	50
Copra .....	50
Spices, whole .....	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

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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 ethylenebisdithiocarbamate, 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, guar .....	0.1
Bean, lima .....	0.5
Bean, snap .....	0.5
Beet, roots .....	0.75
Beet, sugar, roots .....	0.5
Beet, sugar, tops .....	10.0
Beet, tops .....	0.7
Blackberry .....	0.5
Blueberry .....	0.5
Carrots .....	0.75
Cattle, fat (PRE-S appli) .....	0.7
Cattle, meat (fat basis) (PRE-S appli) .....	0.7
Cattle, meat byproducts (fat basis) (PRE-S appli) .....	0.7
Celery .....	0.7
Cherry .....	0.75
Citrus .....	0.7
Clover, fresh .....	40.0