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

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

(vii) Unulfonated residue of 90 per cent 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 39433, 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]

§ 180.153 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
Almond	0.5
Almond, hulls	3.0
Apple	0.5
Apricot	0.5
Banana	0.2
Bean, lima	0.5
Bean, snap, succulent	0.5
Beet, garden, roots	0.75
Beet, garden, tops	0.7
Beet, sugar, roots	0.5
Beet, sugar, tops	10.0
Blackberry	0.5
Blueberry	0.5
Carrot, roots	0.75
Cattle, fat	0.7
Celery	0.7
Cherry	0.75
Citrus	0.7
Corn, field, forage	40.0
Corn, sweet, forage	40.0
Corn, sweet, kernel plus cob with husks removed	0.7
Cranberry	0.5
Cucumber	0.75
Endive	0.7
Fig	0.5
Ginseng	0.75
Grape	0.75
Hazelnut	0.5
Hop, dried cones	0.75
Kiwifruit	0.75
Lettuce	0.7

Commodity	Parts per million
Loganberry	0.75
Melon	0.75
Mushroom	0.75
Nectarine	0.5
Olive	1.0
Onion, bulb	0.75
Onion, green	0.75
Parsley, leaves	0.75
Parsnip	0.5
Peach	0.7
Pear	0.5
Pea, field, hay	10.0
Pea, field, vines	25.0
Pea, succulent	0.5
Pepper	0.5
Pineapple	0.5
Plum, prune, fresh	0.5
Potato	0.1
Potato, sweet	0.1
Radicchio	0.7
Radish	0.5
Raspberry	0.5
Rutabaga	0.75
Sheep, fat	0.7
Sheep, meat (fat basis)	0.7
Sheep, meat byproducts (fat basis)	0.7
Spinach	0.7
Squash, summer	0.5
Squash, winter	0.75
Strawberry	0.5
Swiss chard	0.7
Tomato	0.75
Turnip, greens	0.75
Turnip, roots	0.5
Vegetable, brassica, leafy, group 5	0.7
Walnut	0.5
Watercress	0.7

(2) A regulation is established permitting the use of the insecticide diazinon (*O, O*-diethyl *O*-[6-methyl-2-(1-methylethyl)-4-pyrimidinyl] phosphorothioate; CAS Reg. No. 333-41-5) in food-handling establishments in accordance with the following prescribed conditions:

(i) Application shall be limited solely to spot and/or crack and crevice treatment in food-handling establishments, including food service, manufacturing, and processing establishments, such as restaurants, cafeterias, supermarkets, bakeries, breweries, dairies, meat slaughtering and packing plants, and canneries where food and food products are held, processed, and served.

(A) Spray and dust concentrations shall be limited to a maximum of 1 percent and 2 percent, respectively, of active ingredient by weight. The spray concentration limit of 1 percent shall include, but not be limited to, encapsulated formulations of the additive utilizing the encapsulating polymer formed from the reaction of sebacyl

chloride, polymethylene polyphenylisocyanate, ethylenediamine and/or diethylenetriamine.

(B) Application to areas, surfaces, or utensils contacted by food, contamination of food and food contact surfaces, and the introduction of spray or dust into the air is to be avoided.

(C) For spot treatment, a coarse, low pressure spray shall be used. Application is limited to floor surfaces only and to 20 percent of the surface area. Any individual spot treatment shall not exceed 2 square feet.

(D) For crack and crevice treatment, equipment capable of delivering dust or a pin stream of spray directly into the cracks and crevices shall be used.

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

(3) A regulation is established permitting the use of the insecticide diazinon (*O, O*-diethyl *O*-[6-methyl-2-(1-methylethyl)-4-pyrimidinyl] phosphorothioate; CAS Reg. No. 333-41-5) in animal feed-handling establishments in accordance with the following prescribed conditions:

(i) Application shall be limited solely to spot and/or crack and crevice treatment in animal feed handling establishments, including feed manufacturing and processing establishments such as stores, supermarkets, dairies, meat slaughtering and packing plants, and canneries, where feed and feed products are held, processed, and sold.

(A) Spray and dust concentrations shall be limited to a maximum of 1 percent and 2 percent, respectively, of active ingredient by weight. The spray concentration limit of 1 percent shall include, but not be limited to, encapsulated formulations of the additive utilizing the encapsulating polymer formed from the reaction of sebacyl chloride, polymethylene polyphenylisocyanate, ethylenediamine and/or diethylenetriamine.

(B) Application to areas, surfaces, or utensils contacted by feed, contamination of feed or feed contact surfaces, and the introduction of spray and dust into the air is to be avoided.

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(C) For spot treatment, a coarse, low-pressure spray shall be used. Application is limited to floor surfaces only and to 20 percent of the surface area. Any individual spot treatment shall not exceed 2 square feet.

(D) For crack and crevice treatment, equipment capable of delivering dust or a pin stream directly into cracks and crevices shall be used.

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

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

(c) *Tolerances with regional registrations.* Tolerances with regional registration, as defined in §180.1(n), are established for residues of the insecticide diazinon (*O,O*-diethyl *O*-(6-methyl-2-(1-methylethyl)-4-pyrimidinyl)-phosphorothioate; CAS Reg. No. 33-41-5) in or on the following raw agricultural commodities:

Commodity	Parts per million
Radish, oriental, roots	0.1
Radish, oriental, tops	0.1

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

[47 FR 42738, Sept. 29, 1982, as amended at 48 FR 14896, Apr. 6, 1983; 49 FR 37758, Sept. 26, 1984; 49 FR 47494, Dec. 5, 1984; 51 FR 46858, Dec. 29, 1986; 52 FR 32306, Aug. 27, 1987; 53 FR 23395, June 22, 1988; 53 FR 48260, Nov. 30, 1988; 63 FR 2165, 2167, Jan. 14, 1998; 66 FR 38955, July 26, 2001; 69 FR 6567, Feb. 11, 2004; 70 FR 55267, Sept. 21, 2005]

§ 180.154 *O,O*-Dimethyl *S*-[(4-oxo-1,2,3-benzotriazin-3(4*H*)-yl)methyl]phosphorodithioate; tolerances for residues.

(a) *General.* Tolerances for residues of the insecticide *O,O*-dimethyl *S*-[(4-oxo-1,2,3-benzotriazin-3(4*H*)-yl)methyl]phosphorodithioate in or on the following raw agricultural commodities:

Commodity	Parts per million	Expiration/Revocation Date
Alfalfa	2.0	None
Alfalfa, hay	5.0	None
Almond	0.2	None
Almond, hulls	5.0	None

Commodity	Parts per million	Expiration/Revocation Date
Apple	1.5	None
Bean, snap, succulent	2.0	None
Birdfoot trefoil	2.0	None
Blackberry	2.0	None
Blueberry	5.0	None
Boysenberry	2.0	None
Broccoli	2.0	None
Brussels sprouts	2.0	None
Cabbage	2.0	None
Cauliflower	2.0	None
Celery	2.0	None
Cherry	2.0	None
Clover	2.0	None
Clover, hay	5.0	None
Cotton, undelinted seed	0.5	None
Crabapple	1.5	None
Cranberry	0.5	None
Cucumber	2.0	None
Eggplant	0.3	None
Fruit, citrus, group 10	2.0	None
Grape	4.0	None
Hazelnut	0.3	None
Loganberry	2.0	None
Melon	2.0	None
Onion	2.0	None
Parsley, leaves	5.0	None
Parsley, turnip rooted, roots	2.0	None
Peach	2.0	None
Pear	1.5	None
Pecan	0.3	None
Pepper	0.3	None
Pistachio	0.3	None
Plum, prune	2.0	None
Potato	0.2	None
Quince	1.5	None
Raspberry	2.0	None
Spinach	2.0	None
Strawberry	2.0	None
Sugarcane, cane	0.3	6/30/00
Tomato, postharvest	2.0	None
Trefoil, hay	5.0	None
Walnut	0.3	None

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

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

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

[65 FR 38752, June 22, 2000]

§ 180.155 1-Naphthaleneacetic acid; tolerances for residues.

(a) Tolerances are established for residues of the plant growth regulator 1-naphthaleneacetic acid in or on the following raw agricultural commodities:

Commodity	Parts per million
Apple	1
Cherry, sweet	0.1
Olive	0.1(N)
Orange, sweet	0.1
Pear	1
Pineapple (from the application of the sodium salt to the growing crop)	0.05