

Environmental Protection Agency

§ 180.127

hulls as animal feed. Peanut hulls containing residues of inorganic bromides from the use of methyl bromide are unsuitable as an ingredient in the feed of meat and dairy animals and should not be represented, sold, or used for that purpose.

[58 FR 65555, Dec. 15, 1993]

§ 180.124 Methyl bromide; tolerances for residues.

(a) *General.* A tolerance is established for residues of the fumigant methyl bromide, including metabolites and degradates, in or on the commodity in the table below. Compliance with the tolerance level specified below is to be determined by measuring only methyl bromide.

Commodity	Parts per million
Cotton, undelinted seed	150

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

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

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

[77 FR 35298, June 13, 2012]

§ 180.127 Piperonyl butoxide; tolerances for residues.

(a) *General.* (1) Tolerances for residues of the insecticide piperonyl butoxide [(butyl carbityl)(6-propyl piperonyl)ether] are established in or on the following food commodities:

Commodity	Parts per million
Almond, postharvest	8
Apple, postharvest	8
Barley, postharvest	20
Bean, postharvest	8
Birdseed, mixtures, postharvest	20
Blackberry, postharvest	8
Blueberry, postharvest	8
Boysenberry, postharvest	8
Buckwheat, grain, postharvest	20
Cattle, fat	0.1
Cattle, meat	0.1
Cattle, meat byproducts	0.1
Cherry, sweet, postharvest	8
Cherry, tart, postharvest	8
Cocoa bean, roasted bean, postharvest	8
Coconut, copra, postharvest	8
Corn, field, grain, postharvest	20
Corn, pop, postharvest	20
Cotton, undelinted seed, postharvest	8
Crabapple, postharvest	8
Currant, postharvest	8
Dewberry, postharvest	8

Commodity	Parts per million
Egg	1
Fig, postharvest	8
Flax, seed, postharvest	8
Goat, fat	0.1
Goat, meat	0.1
Goat, meat byproducts	0.1
Gooseberry, postharvest	8
Grape, postharvest	8
Guava, postharvest	8
Hog, fat	0.1
Hog, meat	0.1
Hog, meat byproducts	0.1
Horse, fat	0.1
Horse, meat	0.1
Horse, meat byproducts	0.1
Loganberry, postharvest	8
Mango, postharvest	8
Milk, fat	0.25
Muskmelon, postharvest	8
Oat, postharvest	8
Orange, postharvest	8
Peach, postharvest	8
Peanut, postharvest	8
Pea, postharvest	8
Pear, postharvest	8
Pineapple, postharvest	8
Plum, prune, fresh, postharvest	8
Potato, postharvest	0.25
Poultry, fat	3
Poultry, meat	3
Poultry, meat byproducts	3
Raspberry, postharvest	8
Rice, postharvest	20
Rye, postharvest	20
Sheep, fat	0.1
Sheep, meat	0.1
Sheep, meat byproducts	0.1
Sorghum, grain, postharvest	8
Sweet potato, postharvest	0.25
Tomato, postharvest	8
Walnut, postharvest	8
Wheat, postharvest	20

(2) Piperonyl butoxide may be safely used in accordance with the following prescribed conditions:

(i) It is used or intended for use in combination with pyrethrins for control of insects:

(A) In cereal grain mills and in storage areas for milled cereal grain products, whereby the amount of piperonyl butoxide is at least equal to but not more than 10 times the amount of pyrethrins in the formulation.

(B) On the outer ply of multiwall paper bags of 50 pounds or more capacity in amounts not exceeding 60 milligrams per square foot, whereby the amount of piperonyl butoxide is equal to 10 times the amount of pyrethrins in the formulation. Such treated bags are to be used only for food, dried.

(C) On cotton bags of 50 pounds or more capacity in amounts not exceeding 55 milligrams per square foot of

cloth, whereby the amount of piperonyl butoxide is equal to 10 times the amount of pyrethrins in the formulation. Such treated bags are constructed with waxed paper liners and are to be used only for food, dried that contain 4 percent fat or less.

(D) In two-ply bags consisting of cellophane/polyolefin sheets bound together by an adhesive layer when it is incorporated in the adhesive. The treated sheets shall contain not more than 50 milligrams of piperonyl butoxide per square foot (538 milligrams per square meter). Such treated bags are to be used only for packaging plum, prune, dried; grape, raisin; and other fruit, dried and are to have a maximum ratio of 3.12 milligrams of piperonyl butoxide per ounce of fruit (0.10 milligram of piperonyl butoxide per gram of product).

(E) In food processing and food storage areas: Provided, That the food is removed or covered prior to such use.

(ii) It is used or intended for use in combination with pyrethrins and N-octylbicycloheptene dicarboximide for insect control in accordance with 21 CFR 178.3730.

(iii) A tolerance of 10 parts per million is established for residues of piperonyl butoxide in or on:

(A) Grain, cereal, milled fractions when present therein as a result of its use in cereal grain mills and in storage areas for milled cereal grain products.

(B) Food, dried when present as a result of migration from its use on the outer ply of multiwall paper bags of 50 pounds or more capacity.

(C) Food treated in accordance with 21 CFR 178.3730.

(D) Food, dried that contain 4 percent fat, or less, when present as a result of migration from its use on the cloth of cotton bags of 50 pounds or more capacity constructed with waxed paper liners.

(E) Food treated in accordance with paragraph (a)(2)(i)(D) and (E) of this section.

(iv) To assure safe use of the pesticide, 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 and labeling.

(v) Where tolerances are established on both raw agricultural commodities and processed food made therefrom, the total residues of piperonyl butoxide in or on the processed food shall not be greater than that permitted by the larger of the two tolerances.

(3) Piperonyl butoxide may be safely used in accordance with the following prescribed conditions:

(i) It is used or intended for use in combination with pyrethrins for control of insects:

(A) On the outer ply of multiwall paper bags of 50 pounds or more capacity in amounts not exceeding 60 milligrams per square foot.

(B) On cotton bags of 50 pounds or more capacity in amounts not exceeding 55 milligrams per square foot of cloth. Such treated bags are constructed with waxed paper liners and are to be used only for feed, dried that contain 4 percent fat or less.

(ii) It is used in combination with pyrethrins, whereby the amount of piperonyl butoxide is equal to 10 times the amount of pyrethrins in the formulation. Such treated bags are to be used only for feed, dried.

(iii) A tolerance of 10 parts per million is established for residues of piperonyl butoxide when present as the result of migration:

(A) In or on feed, dried from its use on the outer ply of multiwall paper bags of 50 pounds or more capacity.

(B) In or on feed, dried that contain 4 percent fat, or less, from its use on cotton bags of 50 pounds or more capacity constructed with waxed paper liners.

(iv) To assure safe use of the pesticide, its label and labeling shall conform to that registered with the U.S. Environmental Protection Agency.

(v) Where tolerances are established on both the raw agricultural commodities and food, processed made therefrom, the total residues of piperonyl butoxide in or on the processed food shall not be greater than that permitted by the larger of the two tolerances.

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

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

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

[71 FR 74813, Dec. 13, 2006]

§ 180.128 Pyrethrins; tolerances for residues.

(a) *General.* (1) Tolerances for residues of the insecticide pyrethrins ((1S)-2-methyl-4-oxo-3-(2Z)-2,4-pentadienylcyclopenten-1-yl (1R,3R)-2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate (pyrethrin 1), (1S)-2-methyl-4-oxo-3-(2Z)-2,4-pentadienyl-2-cyclopenten-1-yl (1R,3R)-3-[(1E)-3-methoxy-2-methyl-3-oxo-1-propenyl]-2,2-dimethylcyclopropanecarboxylate (pyrethrin 2), (1S)-3-(2Z)-2-butenyl-2-methyl-4-oxo-2-cyclopenten-1-yl (1R,3R)-2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate (cinerin 1), (1S)-3-(2Z)-2-butenyl-2-methyl-4-oxo-2-cyclopenten-1-yl (1R,3R)-3-[(1E)-3-methoxy-2-methyl-3-oxo-1-propenyl]-2,2-dimethylcyclopropanecarboxylate (cinerin 2), (1S)-2-methyl-4-oxo-3-(2Z)-2-pentenyl-2-cyclopenten-1-yl (1R, 3R)-2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate (jasmolin 1), and (1S)-2-methyl-4-oxo-3-(2Z)-pentenyl-2-cyclopenten-1-yl (1R,3R)-3-[(1E)-3-methoxy-2-methyl-3-oxo-1-propenyl]-2,2-dimethylcyclopropanecarboxylate (jasmolin 2)), the insecticidally active principles of *Chrysanthemum cinerariaefolium*, which are measured as cumulative residues of pyrethrin 1, cinerin 1, and jasmolin 1 are not to exceed the following:

Commodity	Parts per million
Almond, postharvest	1.0
Apple, postharvest	1.0
Barley, grain, postharvest	3.0
Bean, succulent, postharvest	1.0
Birdseed, mixtures, postharvest	3.0
Blackberry, postharvest	1.0
Blueberry, postharvest	1.0
Boysenberry, postharvest	1.0
Buckwheat, grain, postharvest	3.0
Cacao bean, roasted bean, postharvest	1.0
Cattle, fat	1.0
Cattle, meat	0.05
Cattle, meat byproducts	0.05
Cherry, sweet, postharvest	1.0
Cherry, tart, postharvest	1.0
Coconut, copra, postharvest	1.0
Corn, field, grain, postharvest	3.0
Corn, pop, grain, postharvest	3.0
Cotton, undelinted seed, postharvest	1.0
Crabapple, postharvest	1.0
Currant, postharvest	1.0

Commodity	Parts per million
Dewberry, postharvest	1.0
Fig, postharvest	1.0
Flax, seed, postharvest	1.0
Goat, fat	1.0
Goat, meat	0.05
Goat, meat byproducts	0.05
Gooseberry, postharvest	1.0
Grape, postharvest	1.0
Guava, postharvest	1.0
Hog, fat	1.0
Hog, meat	0.05
Hog, meat byproducts	0.05
Horse, fat	1.0
Horse, meat	0.05
Horse, meat byproducts	0.05
Loganberry, postharvest	1.0
Mango, postharvest	1.0
Milk, fat (reflecting negligible residues in milk) ...	0.05
Muskmelon, postharvest	1.0
Oat, grain, postharvest	1.0
Orange, postharvest	1.0
Pea, dry, seed, postharvest	1.0
Peach, postharvest	1.0
Peanut, postharvest	1.0
Pear, postharvest	1.0
Pineapple, postharvest	1.0
Plum, prune, fresh, postharvest	1.0
Potato, postharvest	0.05
Raspberry, postharvest	1.0
Rice, grain, postharvest	3.0
Rye, grain, postharvest	3.0
Sheep, fat	1.0
Sheep, meat	0.05
Sheep, meat byproducts	0.05
Sorghum, grain, grain, postharvest	1.0
Sweet potato, postharvest	0.05
Tomato, postharvest	1.0
Walnut, postharvest	1.0
Wheat, grain, postharvest	3.0

(2) A tolerance of 1.0 ppm is established for residues of the insecticide pyrethrins in or on milled fractions derived from grain, cereal when present as a result of its use in cereal grain mills and in storage areas for milled cereal grain products.

(3) A tolerance of 1.0 ppm is established for residues of the insecticide pyrethrins in or on all food items in food handling establishments where food and food products are held, processed, prepared and/or served. Food must be removed or covered prior to use.

(4) Where tolerances are established on both the raw agricultural commodities and processed foods made therefrom, the total residues of pyrethrins in or on the processed food shall not be greater than that permitted by the larger of the two tolerances.

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

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