

US EPA ARCHIVE DOCUMENT

Ms COOL

APR

11 1985

Caswell No(s):

470A (4-11-85) RCB

PM 21

Registration No(s): 359-685

Pesticide Petition No(s): 445440

Chemical(s): IPRODIONE (ROVRAAL)

Requested Action(s): A TOLERANCE OF 10 PPM FOR SOAPSTOCK (USE AS FOOD OR FEED)

Recommendation: SOAPSTOCK IS NOT USED IN FOOD; IT IS USED ON FEED - THUS, THIS REQUEST IS ACCEPTABLE. WE DEFER TO RCB FOR RESIDUES IN FOOD

Product(s) cleared 180.1001: PREVIOUSLY

ADI occupied: Existing: NO CHANGE Resulting: NO INCREMENT

Resulting % increase in TMRC: NONE

Data considered in setting the ADI: 3 Generation reproduction - rat

NOEL = 15 mg/kg (500 PPM) ADI = 0.2500 mg/kg/d - SF/100 MPE = 15.0

Attached (?): ADI printout: ~~YES~~/NO; TOX "one-liner": ~~YES~~/NO; DER: ~~YES~~/NO

Existing regulatory actions against registration: NONE

PAR status: NOT IN THE LIST

New Data: NONE

Data gaps: None for this action.

Comments: the soapstock is used in chicken feed mainly.

Reviewer: [Signature]

Date: 4-9-85

15

4-11-85

SECTION F

IPRODIONE - PEANUT FRACTIONS

Permanent tolerances are proposed for combined residues of the fungicide Iprodione (3-(3,5-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboximide), its isomer (3-(1-methylethyl)-N-(3,5-dichlorophenyl)-2,4-dioxo-1-imidazolidinecarboximide), and its metabolite (3-(3,5-dichlorophenyl)-2,4-dioxo-1-imidazolidinecarboximide) in or on the following food and feed items:

<u>Food or Feed Item</u>	<u>Tolerance (ppm)</u>
Soapstock	10

~~Non-food~~ use

COMMON NAME: IPRODIONE CFR NUMBER: 180.399

PETITION NUMBER(S): 4H5440

COPY OF SECTION F ATTACHED: YES/NO

COMMODITY & REQUESTED TOLERANCE LEVEL: SOAPSTOCK 10PPM

WAS PREVIOUS "CURRENT ACTION" TOX APPROVED OR NOT? YES

ARE THE "PUBLISHED TOLERANCES" CURRENT? YES/NO

ANY FURTHER UPDATE, NOEL, ETC THAT I SHOULD KNOW? NO

REVIEWER: [Signature]

DATE: 4-5-85

§ 561.41

§ 561.41 4-Amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one.

Tolerances are established for combined residues of the herbicide 4-amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one and its triazinone metabolites in the following processed feeds when present therein as a result of application of this herbicide to growing crops:

Feed	Parts per million
Barley, milled fractions (except flour).....	3
Potato waste, processed (dried).....	3
Sugarcane bagasse.....	0.5
Sugarcane molasses.....	0.3
Tomato pomace, dried.....	2
Wheat, milled fractions (except flour).....	3

[43 FR 41386, Sept. 18, 1978, as amended at 44 FR 40283, July 10, 1979]

§ 561.50 Benomyl.

Tolerances are established for combined residues of the fungicide benomyl (methyl-1-(butylcarbamoyl)-2-benzimidazolecarbamate) and its metabolites containing the benzimidazole moiety (calculated as benomyl) as follows:

125 parts per million in dried grape pomace and raisin waste when present therein as a result of application of the fungicide to growing grapes.

70 parts per million in dried apple pomace when present therein as a result of application (preharvest and/or postharvest) of the fungicide to the raw agricultural commodity apples.

50 parts per million in dried citrus pulp when present therein as a result of application (preharvest and/or postharvest) of the fungicide to the raw agricultural commodity citrus fruits.

20 parts per million in or on rice hulls when present therein as a result of preharvest application of the fungicide to the raw agricultural commodity rice.

[40 FR 14161, Mar. 28, 1975, as amended at 41 FR 11286, Mar. 18, 1976; 44 FR 40283, July 10, 1979]

§ 561.51 Bentazon; tolerances for residues.

A tolerance of 4 parts per million is established for combined residues of

Title 21—Food and Drugs

the herbicide bentazon (3-isopropyl-1H-2,1,3-benzothiadiazin-4(3H)-one-2,2-dioxide) and its 6- and 8-hydroxy metabolites in or on spent mint hay resulting from application of the herbicide to growing mint.

[43 FR 44838, Sept. 29, 1978]

§ 561.53 Profenofos.

A regulation is established permitting residues of the insecticide profenofos [O-(4-bromo-2-chlorophenyl)-O-ethyl-S-propyl phosphorothioate] and its metabolites converted to 4-bromo-3-chlorophenol and calculated as profenofos in cottonseed hulls at 6.0 ppm and in soapstock at 15.0 ppm resulting from the application of the insecticide to the growing crop, cotton.

(Sec. 409(c)(1), 72 Stat. 1786 (21 U.S.C. 346(c)(1)))

[47 FR 30479, July 14, 1982]

§ 561.55 Butachlor.

(a) [Reserved]

(b) Residues of the herbicide butachlor (N-(butoxymethyl)-2-chloro-7,7-diethylacetanilide) may be present in the following feeds only as a result of the application of the herbicide to the growing agricultural commodity in an experimental use program. Residues not in excess of these tolerances remaining after expiration of this experimental use permit will not be considered actionable if the herbicide has been legally applied during the term of, and in accordance with, the provisions of the experimental use permit.

Feeds	Parts per million	Expiration date
Rice bran.....	0.5	Apr. 24, 1984
Rice hulls.....	1.0	Apr. 24, 1984

(Sec. 409(c)(1), 72 Stat. 1786 (21 U.S.C. 346(c)(1)))

[48 FR 15894, Apr. 13, 1983]

§ 561.60 sec-Butylamine.

A tolerance of 90 parts per million is established for residues of the fungicide sec-butylamine in citrus molasses and dried citrus pulp for cattle feed when present therein as a result of

Chap

posticide

§ 561.

A metdicar on seed estab used up to

[46 FR

§ 561.

Toler combi carbol 7-benz its car 2.2 dir benzof the ph 2.2-dim dro-2,2 and 2 zofuran animal

Other not 5 ppm 10 ppm 15 ppm 20 ppm 25 ppm 30 ppm 35 ppm 40 ppm 45 ppm 50 ppm 55 ppm 60 ppm 65 ppm 70 ppm 75 ppm 80 ppm 85 ppm 90 ppm 95 ppm 100 ppm 105 ppm 110 ppm 115 ppm 120 ppm 125 ppm 130 ppm 135 ppm 140 ppm 145 ppm 150 ppm 155 ppm 160 ppm 165 ppm 170 ppm 175 ppm 180 ppm 185 ppm 190 ppm 195 ppm 200 ppm

(Sec. 409(c)(1), 72 Stat. 1786 (21 U.S.C. 346(c)(1)))

[48 FR 575

§ 561.70

A tolera establishe

3

180.1001 (C)

Inert ingredients	Limits	Uses
Potassium hydroxide		Neutralizer.
Potassium phosphite		Buffer.
Potassium sulfate		Solid diluent.
Propene		Propellant.
n-Propanol		Solvent, cosolvent.
Propyl acetate		Catalyst.
Propyl gallate		Antioxidant.
Propylene glycol aliginate (as defined in § 172.856)		Solvent, cosolvent.
Propylene glycol aliginate (as defined in § 172.856)		Defoaming agent.
Propylene oxide		Stabilizer.
Propyl p-hydroxybenzoate		Preservative for formulations.
Propylphenyl		Solid diluent, carrier.
Rhodamine B		Dye.
Rice bran		Solid diluent, carrier.
Rosin, partially dimerized (as defined in § 172.615, Title 21)		Surfactants, related adjuvants of surfactants.
Rosin, partially hydrogenated (as defined in § 172.615, Title 21)		Do.
Rosin wood		Do.
Salts of fatty acids, conforming to Title 21, § 172.863		Binder, emulsifier, anticaking agent.
Sand		Solid diluent, carrier.
Secondary alkyl (C ₁₁ -C ₁₄) poly (oxyethylene) acetate, sodium salt, the ethylene oxide content averages 5 moles		Surfactant.
Shelac, bleached, refined, food grade, arsenic and rosin-free		Coating agent.
Silica, hydrated		Solid diluent, carrier.
Silicon dioxide, fumed, amorphous		Flow control, anticaking and carrier agent.
Solup. (Sodium or potassium salts of fatty acids)		Surfactant, emulsifier, wetting agent.
Sorbstone		Solid diluent.
Sodium acetate		Buffer.
Sodium acid pyrophosphate		Surfactant, suspending agent, dispersing agent, buffer.
Sodium alinate		Surfactants, related adjuvants of surfactants.
Sodium alpha-olefin sulfonate (sodium C ₁₁ -C ₁₄) (Olefin sulfonate)		Solid diluent, carrier.
Sodium aluminum silicate		Anticaking agent.
Sodium benzoate		Neutralizer.
Sodium bicarbonate		Surfactants, related adjuvants of surfactants.
Sodium carbonylmethylcellulose		Solid diluent, carrier.
Sodium chloride		Surfactants, related adjuvants of surfactants.
Sodium disodium naphthalenesulfonate		Do.
Sodium dioctylsulfosuccinate		Surfactant, emulsifier, wetting agent, suspending agent, dispersing agent, buffer.
Sodium dodecylphenoxylbenzene disulfonate		Surfactants, related adjuvants of surfactants.
Sodium hexametaphosphate		Do.
Sodium hydroxide		Surfactant, emulsifier, wetting agent, suspending agent, dispersing agent, buffer.
Sodium isopropylisobornaphthalenesulfonate		Neutralizer.
Sodium M-tolyl-N-methylaurine		Surfactants, related adjuvants of surfactants.
Sodium lauryl glyceryl ether sulfonate		Do.
Sodium metasilicate		Surfactants, related adjuvants of surfactants.
Sodium mono-, di-, and trisopropyl naphthalene sulfonate		Do.
Sodium mono- and dimethyl naphthalene sulfonates, molecular weight 245-260		Do.
Sodium monooctyl and diallyl (C ₈ -C ₁₁) phenoxypolybenzene disulfonate mixtures containing not less than 70 percent of monoalkylated product		Do.
Sodium N-tolyl-N-methylaurine		Do.
Sodium oleyl sulfate		Do.
Sodium Octadecyl-N-methylaurine		Do.
Sodium mono-, di- and t-butyl naphthalene sulfonates		Do.
Sodium propionate		Preservative for formulation.
Sodium salt of sulfated oleic acid		Surfactants, related adjuvants of surfactants.
Sodium silicate		Surfactant, emulsifier, wetting agent, stabilizer, inhibitor.
Sodium sulfate		Solid diluent, carrier.

Inert ingredients	Limits	Uses
Sodium sulfite		Stabilizer.
Sodium tripolyphosphate		Buffer, surfactant, suspending agent, anticaking agent.
Sorbitan fatty acid esters (fatty acids limited to C ₈ , C ₁₀ , C ₁₂ , and C ₁₄ containing minor amounts of associated fatty acids) and their derivatives; the poly (oxyethylene) content averages 5-20 moles.		Surfactants, related adjuvants of surfactants.
Sorbic acid (and potassium salt)		Preservative for formulations.
Sorbic acid (and potassium salt)		Antidusting agent.
Sorbitol		Adhesive.
Soy protein, isolated		Surfactant.
Soybean flour		Solvent, cosolvent.
Soybean oil		Solvent, cosolvent.
Soybean oil-derived fatty acids		Coating agent.
Sperm oil conforming to Title 21, § 172.210		Solid diluent, carrier.
Starch (potato, tapioca, and wheat)		Diluent.
Stearic acid		Emulsifier.
α-Stearyl-omega-hydroxypropyl (oxyethylene), average molecular weight of 600		Surfactants, related adjuvants of surfactants.
α-Stearyl-omega-hydroxypropyl (oxyethylene), the poly (oxyethylene) content averages either 8, 9, or 40 moles; if a blend of products is used, the average number of moles ethylene oxide reacted to produce any product that is a component of the blend shall be either 8, 9, or 40.		Do.
Sucrose		Solid diluent, carrier.
Sucrose octaacetate		Adhesive.
Sulfuric acid (CAS Registry No. 7664-93-9) that meets the Food Chemicals Codex specifications.	0.1% of pesticide formulation.	pH control agent.
Sulfurous acid		Preservative.
Synthetic petroleum wax, conforming to 21 CFR 172.898.		Binder, carrier, and carrier.
Talc		Solid diluent, carrier.
Tall oil: fatty acids not less than 58 percent, rosin acids not more than 44 percent, unsaponifiables not more than 8 percent.		Surfactants, related adjuvants of surfactants.
Tartrazine		Dye.
α-(p-1,1,3,3-Tetramethylbutyl) phenyl-omega-hydroxypropyl (oxyethylene) produced by the condensation of 1 mole of p-1,1,3,3-tetramethylbutyl phenol with an average of 4-14 or 30-70 moles of ethylene oxide; if a blend of products is used, the average number of moles of ethylene oxide reacted to produce any product that is a component of the blend shall be in the range of 4-14 or 30-70.		Surfactants, related adjuvants of surfactants.
Tetrahydrofurfuryl alcohol		Solvent, cosolvent.
2,4,7,9-Tetramethyl-5-decyn-4,7-diol	Not more than 2.5% of pesticide formulation.	Surfactants, related adjuvants of surfactants.
Tetrasodium pyrophosphate		Anticaking agent.
Tricacium phosphate		Surfactant, suspending agent, anticaking agent.
1,1,1-Trichloroethane		Solvent, cosolvent.
Trichlorofluoromethane		Propellant.
Tridecylpoly (oxyethylene) acetate, sodium salt, where the ethylene oxide content averages 6-7 moles.		Surfactants, related adjuvants of surfactants.
Triisodiam phosphate		Surfactant, emulsifier.
Urea		Stabilizer, anticaking agent.
Vermiculite		Do.
Walnut shells		Do.
Wheat bran		Attractant.
Whitegum oil		Solid diluent and chemical preservatives.
Wood flour		Do.
Xanthan gum		Thickener.

4

5

COMMODITY CHEMICAL NAME

3-061 O-R-45

703

COMMODITY	CHEMICAL NAME	PRT NO	CFR NO.	PPM
RICE, HULLS	Butachlor (N-butylcarbamoyl-2-chloro-2',6'-diethylacetanilide)	6H5143	561.55	1.01
	3',4'-Dichloropropionanilide	6H5143	561.150	10.0
	Pirimiphos - methyl (0-(2-(diethylamino)-6-methyl-4-pyrimidinyl) 0,0-dimethyl phosphorothioate)	9H5217	561.432	60.01
	2-(4-Thiazolyl)benzimidazole	9H5217	561.300	0.0
RICE, HULLS (PRE-H)	Triethylazole (5-methyl-1-2,4-triazolol(3,4-b)benzothiazole)	7H5165	561.395	30.01
	Benmyl (methyl 1-(butylcarbamoyl)-2-benzimidazolecarbamate)	5H5004	561.50	20.0
RICE, MILLED FRACTIONS	3',4'-Dichloropropionanilide	561.150	561.150	10.0
	Inorganic bromides resulting from fumigation with methyl bromide, ethylene dibromide and/or 1,2-dibromo-3-chloropropane (561.260, 193.250)	561.260	561.260	125.0
RICE, MILLING FRACTIONS	Pirimiphos - methyl (0-(2-(diethylamino)-6-methyl-4-pyrimidinyl) 0,0-dimethyl phosphorothioate)	9H5217	561.432	50.01
	9H5217	561.432	561.432	50.01
RICE, POLISHINGS	3',4'-Dichloropropionanilide	561.150	561.150	10.0
	Triethylazole (5-methyl-1-2,4-triazolol(3,4-b)benzothiazole)	7H5165	561.395	30.01
RICE, MILLED FRACTIONS	2,4-Dichlorophenoxyacetic acid	561.100	561.100	2.0
	Inorganic bromides resulting from fumigation with methyl bromide, ethylene dibromide and/or 1,2-dibromo-3-chloropropane (561.260, 193.250)	561.260	561.260	125.0
	Zinc ion and manganese ethylenebis(dithiocarbamate 60/2) a coordination product of manganese 16%, zinc 2%, and ethylenebis(dithiocarbamate 62%	561.410	561.410	20.0
	561.410	561.410	561.410	20.0
SAFEDOWER, HEAL	Helthamidophos (0,5-dimethyl phosphoramidothioate)	1H5209	561.277	0.01
	561.277	561.277	561.277	0.01
SOAPSTOCK	Profenofos (0-(4-bromo-2-chlorophenyl) 0-ethyl 3-propyl phosphorothioate)	561.53	561.53	15.0
	561.53	561.53	561.53	15.0
SORGHUM, BRAN	Aldicarb (2-methyl-2-(methylthio)propionaldehyde 0-(methylcarbamoyl)oxime)	1H5316	561.30	0.51
	561.30	561.30	561.30	0.51
SORGHUM, GRAIN, MILD, MILLED FRACTIONS	Inorganic bromides resulting from fumigation with methyl bromide, ethylene dibromide and/or 1,2-dibromo-3-chloropropane (561.260, 193.250)	561.260	561.260	125.0
	561.260	561.260	561.260	125.0
SORGHUM, MILLED FRACTIONS (EXC FLOUR)	5-(2-(ethylsulfinyl)ethyl) 0,0-dimethyl phosphorothioate	6H5116	561.234	2.0
	561.234	561.234	561.234	2.0

Pesticide Tolerance Commodity Index