

Vista Chemical Company

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JH: JYL: TGG: RF
KF: Customer Response

and Alcohols
(ALFOLs)

VISTA

July 27, 1984

Mr. Jerry Fitzsimmons
New Life Products
4760 Rivercrest Drive
Salem, Oregon 97303

Dear Jerry:

Per your request, this letter is to confirm the presence of Butanol, Isopropyl, Vista ALFONIC 1412-60 and ALFONIC 810-40 on the Exemptions From Tolerances list in 40 CFR Part 180.1001. Applicable pages from the CFR are attached.

Subparagraph (c) which list tolerances for inert (or occasionally active) ingredients in pesticides applied to growing crops and raw agricultural commodities specifically lists n-Butyl Alcohol, and Isopropyl alcohol. ALFONIC 1412-60 is included under the generic description of: Alpha-alkyl(C₉-C₁₈)-omega hydroxypoly (oxyethylene); the poly oxyethylene content averages 2-20 moles.

Although ALFONIC 810-40 is not expressly described by this classification, it does average nine carbons and could be considered substantially chemically and physically similar.

Please call if you have further questions on this matter.

Sincerely,


Thomas G. Grumbles, C.I.H.
Director, Industrial Hygiene

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Attachment

VVV 000016396

[48 FR 20055, May 4, 1983]

§ 180.413 Imazalil; tolerances for residues.

(a) Tolerances are established for the combined residues of the fungicide imazalil 1-[2-(2,4-dichlorophenyl)-2-(2-propenyloxyethyl)-1H-imidazole and its metabolite 1-(2,4-dichlorophenyl)-2-(1H-imidazole-1-yl)-1-ethanol in or on the following raw agricultural commodities:

Commodities	Parts per million
Bananas (Whole)	3.00
Bananas (Pulp)	0.20
Citrus fruit	10.00

(b) Tolerances are established for the combined residues of the fungicide imazalil 1-[2-(2,4-dichlorophenyl)-2-(2-propenyloxyethyl)-1H-imidazole and its metabolites 1-(2,4-dichlorophenyl)-2-(1H-imidazole-1-yl)-1-ethanol and 3-[1-(2,4-dichlorophenyl)-2-(1H-imidazole-1-yl)ethoxyl]-1,2-propane diol in or on the following raw agricultural commodities:

Commodities	Parts per million
Cattle, fat	0.01
Cattle, liver	0.50
Cattle, meat	0.01
Cattle, mbyop	0.01
Goats, fat	0.01
Goats, liver	0.50
Goats, meat	0.01
Goats, mbyop	0.01
Hogs, fat	0.01
Hogs, liver	0.50
Hogs, meat	0.01
Hogs, mbyop	0.01
Horses, fat	0.01
Horses, liver	0.50
Horses, meat	0.01
Horses, mbyop	0.01
Milk	0.01
Sheep, fat	0.01
Sheep, liver	0.50
Sheep, meat	0.01
Sheep, mbyop	0.01

[48 FR 28443, June 22, 1983]

Subpart D—Exemptions From Tolerances

§ 180.1001 Exemptions from the requirement of a tolerance.

(a) An exemption from a tolerance shall be granted when it appears that the total quantity of the pesticide chemical in or on all raw agricultural commodities for which it is useful under conditions of use currently prevailing or proposed will involve no hazard to the public health.

(b) When applied to growing crops, in accordance with good agricultural practice, the following pesticide chemicals are exempt from the requirement of a tolerance:

(1) The following copper compounds: Bordeaux mixture, copper abietate, copper acetate, basic copper carbonate (malachite), copper hydroxide, copper lime mixtures, copper linoleate, copper oleate, copper oxychloride, copper silicate, copper sulfate basic, copper sulfate monohydrate, copper sulfate pentahydrate, copper-zinc chromate, cupric oxide, cuprous oxide, tetra copper calcium oxychloride. These copper compounds are used primarily as fungicides.

(2) *N*-Octylbicyclo-(2,2,1)-5-heptene-2,3-dicarboximide.

(3) Petroleum oils.

(4) Piperonyl butoxide.

(5) Piperonyl cyclonene.

(6) *N*-Propyl isome.

(7) Pyrethrum and pyrethrins.

(8) Rotenone or derris or cube roots.

(9) Ryania.

(10) Sabadilla.

These pesticides are not exempted from the requirement of a tolerance when applied to a crop at the time of or after harvest.

(c) Residues of the following materials are exempted from the requirement of a tolerance when used in accordance with good agricultural practice as inert (or occasionally active) ingredients in pesticide formulations applied to growing crops or to raw agricultural commodities after harvest:

Inert ingredients	Limits	Uses
Acetic acid		Catalyst.
Acetic anhydride		Solvent, cosolvent.
Acetone		Do.
Alkanolic and alkenolic acids, mono- and diesters of α -hydro- ω -hydroxypoly(oxyethylene) with molecular weight range of 200 to 6,000		Emulsifiers.
Alkyl (C_8 - C_{18}) benzenesulfonic acid and its ammonium, calcium, magnesium, potassium, sodium, and zinc salts.		Surfactants, related adjuvants of surfactants.
Alpha-alkyl (C_8 - C_{18})-omega-hydroxypoly (oxyethylene): the poly (oxyethylene) content averages 2-20 moles		Solvent, cosolvent, surfactant, and related adjuvants of surfactants.
α -Alkyl(C_{11} - C_{15})-omega-hydroxypoly(oxyethylene) sulfate, ammonium, calcium, magnesium, potassium, sodium, and zinc salts: the poly(oxyethylene) content averages 3 moles		Surfactants, related adjuvants of surfactants.
α -Alkyl(C_8 - C_{18})-omega-hydroxypoly (oxypropylene) black copolymer with poly(oxyethylene); polyoxy-propylene content is 1-3 moles; poly(oxyethylene) content is 7-9 moles; average molecular weight approximately 835.		Do.
α -Alkylphenyl)-omega-hydroxypoly(oxyethylene) produced by the condensation of 1 mole of alkyl-phenol (alkyl is a mixture of propylene tetramer and pentamer isomers and averages C_{11}) with 6 moles of ethylene oxide.		Do.
Alkyl (C_8 - C_{18}) sulfates and its ammonium, calcium, isopropylamine, magnesium, potassium, sodium, and zinc salts.		Surfactants.
Almond shells		Solid diluent and carrier.
Alpha-(<i>p</i> -nonylphenyl)-omega-hydroxypoly (oxyethylene): produced by the condensation of 1 mole of nonylphenol (nonyl group is a propylene trimer isomer) with an average of 4-14 or 30-100 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 4-14 or 30-100.		Surfactant.
Alpha-(<i>p</i> -(1,1,3,3-Tetramethylbutyl)phenyl)-omega-hydroxypoly (oxyethylene) produced by the condensation of 1 mole of <i>p</i> -(1,1,3,3-tetramethylbutyl)phenol with a range of 1-14 or 30-70 moles of ethylene oxide; if a blend of products is used, the average range number of moles of ethylene oxide reacted to produce any product that is a component of the blend shall be in the range of 1-14 or 30-70.		Surfactants, related adjuvants or surfactants.
Aluminum hydroxide		Diluent, carrier.
Aluminum oxide		Diluent.
Aluminum stearate		Surfactant.
Ammonium bicarbonate		Surfactant, suspending agent, dispersing agent.
Ammonium carbamate		Synergist in aluminum phosphide formulations.
Ammonium chloride		Inertifier when used with ammonium nitrate as a desiccant or defoliant. Fire suppressant in aluminum phosphide and magnesium phosphide formulations.
Ammonium hydroxide		Solvent, cosolvent, neutralizer, solubilizing agent.
Ammonium stearate		Surfactant.
Ammonium sulfate		Solid diluent, carrier.
Ammonium thiosulfate		Inertifier when used with ammonium nitrate as desiccant or defoliant.
Amyl acetate		Solvent, cosolvent, attractant.
Animal glue		Surfactant, adhesive.
Apple pomace		Solid diluent, carrier.
Ascorbyl palmitate		Preservative.
Attapulgite-type clay		Solid diluent, carrier, thickener.