

40 C.F.R. § 152.175

Pesticides classified for restricted use.

The following uses of pesticide products containing the active ingredients specified below have been classified for restricted use and are limited to use by or under the direct supervision of a certified applicator.

Active ingredient	Formulation	Use pattern	Classification ¹	Criteria influencing restriction
Acrolein	As sole active ingredient. No mixtures registered	All uses	Restricted	Inhalation hazard to humans. Residue effects on avian species and aquatic organisms.
Aldicarb	As sole active ingredient	Ornamental uses (indoor and outdoor)	.....do	Other hazards—accident history.
	No mixtures registered	Agricultural crop uses	Under further evaluation	
Aluminum phosphide	As sole active ingredient. No mixtures registered	.....do	.....do	Inhalation hazard to humans.
Azinphos methyl	All liquids with a concentration greater than 13.5 pct	.....do	.....do	Do.
	All other formulations	.....do	Under further evaluation.	
Carbofuran	All concentrate suspensions and wettable powders 4.0% and greater	.....do	.....do	Acute inhalation toxicity.
	All granular formulations	Rice	Under evaluation	
	All granular and fertilizer formulations	All uses except rice	.....do	
Chloropicrin	All formulations greater than 2%	All uses	.....do	Acute inhalation toxicity.

	All formulations	Rodent control	.....do	Hazard to non-target organisms.
	All formulations 2% and less	Outdoor uses (other than rodent control)	Unclassified	
Clonitralid	All wettable powders 70% and greater	All uses	Restricted	Acute inhalation toxicity.
	All granulars and wettable powders	Molluscide uses	Restricted	Effects on aquatic organisms.
	Pressurized sprays 0.55% and less	Hospital antiseptics	Unclassified	
Dicrotophos	All liquid formulations 8% and greater	All uses	Restricted	Acute dermal toxicity; residue effects on avian species (except for tree injections).
Disulfoton	All emulsifiable concentrates 65% and greater, all emulsifiable concentrates and concentrate solutions 21% and greater with fensulfothion 43% and greater, all emulsifiable concentrates 32% and greater in combination with 32% fensulfothion and greater	.....do	Restricted	Do. Acute inhalation toxicity.
	Non-aqueous solution 95% and greater	Commercial seed treatment	Restricted	Acute dermal toxicity.
	Granular formulations 10% and greater	Indoor uses (greenhouse)	.....do	Acute inhalation toxicity.
Ethoprop	Emulsifiable concentrates 40% and greater	Aquatic uses	.....do	Acute dermal toxicity.
	All granular and fertilizer formulations	All uses	Under evaluation	
Ethyl parathion	All granular and dust formulations greater than 2 pct, fertilizer formulations, wettable powders, emulsifiable concentrates, concentrated suspensions, concentrated solutions	.....do	Restricted	Inhalation hazard to humans. Acute dermal toxicity. Residue effects on mammalian, aquatic, avian species.
	Smoke fumigants	.....do	.....do	Inhalation hazard to humans.
	Dust and granular formulations 2 pct and below	.....do	.....do	Other hazards—accident history.

Fenamiphos	Emulsifiable concentrates 35% and greater	.....do	.....do	Acute dermal toxicity.
Fonofos	Emulsifiable concentrates 44% and greater	.....do	.....do	Acute dermal toxicity.
	Emulsifiable concentrates 12.6% and less with pebulate 50.3% and less	Tobacco	Unclassified	
Methamidophos	Liquid formulations 40% and greater	.....do	Restricted	Acute dermal toxicity; residue effects on avian species.
	Dust formulations 2.5% and greater	.....do	.....do	Residue effects on avian species.
Methidathion	All formulations	All uses except nursery stock, safflower and sunflower	.....do	Do.
	All formulations	Nursery stock, safflower and sunflower	Unclassified	
Methomyl	As sole active ingredient in 1 pct to 2.5 baits (except 1 pct fly bait)	Nondomestic outdoors- agricultural crops, ornamental and turf. All other registered uses	Restricted	Residue effects on mammalian species.
	All concentrated solution formulations	.....do	.....do	Other hazards- accident history.
	90 pct wettable powder formulations (not in water soluble bags)	.....do	.....do	Do.
	90 pct wettable powder formulation in water soluble bags	.....do	Unclassified	
	All granular formulations	.....do	.....do	
	25 pct wettable powder formulations	.....do	.....do	
	In 1.24 pct to 2.5 pct dusts as sole active ingredient and in mixtures with fungicides and chlorinated hydrocarbon, inorganic phosphate and biological insecticides	.....do	.....do	
Methyl bromide	All formulations in containers greater than 1.5 lb	All uses	Restricted	Do.

	Containers with not more than 1.5 lb of methyl bromide with 0.25 pct to 2.0 pct chloropicrin as an indicator	Single applications (nondomestic use) for soil treatment in closed systems	Unclassified	
	Container with not more than 1.5 lb having no indicator	All uses	Restricted	Do.
Methyl parathion	All dust and granular formulations less than 5 pct	.....do	.....do	Other hazards - accident history. All foliar applications restricted based on residue effects on mammalian and avian species.
	Microencapsulated	.....do	.....do	Residue effects on avian species. Hazard to bees.
	All dust and granular formulations 5 pct and greater and all wettable powders and liquids	.....do	.....do	Acute dermal toxicity. Residue effects on mammalian and avian species.
Nicotine (alkaloid)	Liquid and dry formulations 14% and above	Indoor (greenhouse)	.....do	Acute inhalation toxicity.
	All formulations	Applications to cranberries	.....do	Effects on aquatic organisms.
	Liquid and dry formulations 1.5% and less	All uses (domestic and nondomestic)	Unclassified	
Paraquat (dichloride) and paraquat bis(methyl sulfate)	All formulations and concentrations except those listed below	All uses	Restricted	Other hazards. Use and accident history, human toxicological data.
	Pressurized spray formulations containing 0.44 pct Paraquat bis(methyl sulfate) and 15 pct petroleum distillates as active ingredients	Spot weed and grass control	.....do	
	Liquid fertilizers containing concentrations of 0.025 pct paraquat dichloride and 0.03 percent atrazine; 0.03 pct paraquat dichloride and 0.37 pct atrazine, 0.04 pct paraquat dichloride and 0.49 pct atrazine	All uses	Unclassified	

Phorate	Liquid formulations 65% and greater	.....do	Restricted	Acute dermal toxicity. Residue effects on avian species (applies to foliar applications only). Residue effects on mammalian species (applies to foliar application only).
	All granular formulations	Rice	.....do	Effects on aquatic organisms.
Phosphamidon	Liquid formulations 75% and greater	.....do	.....do	Acute dermal toxicity. Residue effects on mammalian species. Residue effects on avian species.
	Dust formulations 1.5% and greater	.....do	.....do	Do. Residue effects on mammalian species.
Picloram	All formulations and concentrations except tordon 101 R	.....do	.....do	Hazard to nontarget organisms (specifically nontarget plants both crop and noncrop).
	Tordon 101 R forestry herbicide containing 5.4 pct picloram and 20.9 pct 2,4-D	Control of unwanted trees by cut surface treatment	Unclassified	
Sodium cyanide 3	All capsules and ball formulations	All uses	Restricted	Inhalation hazard to humans.
Sodium fluoroacetate	All solutions and dry baits	.....do	.....do	Acute oral toxicity. Hazard to nontarget organisms. Use and accident history.

Strychnine	All dry baits, pellets and powder formulations greater than 0.5 pct	.....do	.....do	Acute oral toxicity. Hazard to nontarget avian species. Use and accident history.
	All dry baits, pellets and powder formulations	All uses calling for burrow builders	.....do	Hazard to nontarget organisms.
	All dry baits, pellets and powder formulations 0.5 pct and below	All uses except subsoil	.....do	Do.
	.....do	All subsoil uses	Unclassified	
Sulfotepp	Sprays and smoke generators	All uses	Restricted	Inhalation hazard to humans.
Zinc Phosphide	All formulations 2% and less	All domestic uses and non-domestic uses in and around buildings	Unclassified	
	All dry formulations 60% and greater.			
All uses	Restricted	Acute inhalation toxicity.		
	All bait formulations	Non-domestic outdoor uses (other than around buildings)	.....do	Hazard to non-target organisms.
	All dry formulations 10% and greater	Domestic usesdo	Acute oral toxicity.

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