

US EPA Toxicity Category Criteria

US EPA Toxicity Categories: EPA uses the following criteria to determine the toxicity category of pesticides. These criteria are based on the results of animal tests done in support of registration of the pesticide. [EPA Tox Cat]

	I	II	III	IV
Oral LD50	Up to and including 50 mg/kg	From 50 thru 500 mg/kg	From 500 thru 5000 mg/kg	Greater than 5000 mg/kg
Inhalation LC 50	Up to and including 0.2 mg/liter	From 0.2 thru 2 mg/liter	From 2.0 thru 20 mg/liter	Greater than 20 mg/liter
Dermal LD 50	Up to and including 200 mg/kg.	From 200 thru 2000 mg/kg	From 2,000 thru 20,000 mg/kg	Greater than 20,000 mg/kg
Eye effects	Corrosive; corneal opacity not reversible within 7 days	Corneal opacity reversible within 7 days; irritation persisting for 7 days.	No corneal opacity; irritation reversible within 7 days	No irritation
Skin effects	Corrosive	Severe irritation at 72 hours	Moderate irritation at 72 hours	Mild or slight irritation at 72 hours.
Human hazard signal word	Danger	Warning	Caution	Caution