

11. Toxicological information

Information on likely routes of exposure

Ingestion	Causes digestive tract burns.
Inhalation	May cause irritation to the respiratory system.
Skin contact	Causes severe skin burns.
Eye contact	Causes severe eye burns. Causes serious eye damage.

Symptoms related to the physical, chemical and toxicological characteristics	Burning pain and severe corrosive skin damage. Permanent eye damage including blindness could result.
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Information on toxicological effects

Acute toxicity	Causes severe skin burns and eye damage.
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Product	Species	Test Results
NITRIC ACID, 69%, VERITAS® REDISTILLED (CAS Mixture)		
Acute Inhalation LC50	Mouse	361.4815 mg/l, 30 Minutes, estimated
		230 mg/l
		99.2593 mg/l, 4 Hours, estimated
	Rat	204.4444 mg/l, 30 Minutes, estimated
		96.2963 mg/l, 4 Hours, estimated

Components	Species	Test Results
NITRIC ACID (CAS 7697-37-2)		
Acute Inhalation LC50	Mouse	244 mg/l, 30 Minutes
		67 mg/l, 4 Hours
		334 mg/l, 30 Minutes
	Rat	244 mg/l, 30 Minutes
		138 mg/l, 30 Minutes
		65 mg/l, 4 Hours

\* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation	Causes severe skin burns and eye damage.
Serious eye damage/eye irritation	Causes severe eye burns. Causes serious eye damage.
Respiratory sensitization	Due to lack of data the classification is not possible.
Skin sensitization	Due to lack of data the classification is not possible.
Germ cell mutagenicity	Due to lack of data the classification is not possible.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity	Due to lack of data the classification is not possible.
Specific target organ toxicity - single exposure	Causes damage to organs (respiratory system).
Specific target organ toxicity - repeated exposure	Causes damage to organs (respiratory system, tooth) through prolonged or repeated exposure.
Aspiration hazard	Due to lack of data the classification is not possible.
Chronic effects	Hazardous by WHMIS criteria. Prolonged inhalation may be harmful. Causes damage to organs through prolonged or repeated exposure.
Further information	Corrosive effects.