

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information**

Eye Contact	Causes serious eye irritation.
Skin Contact	Causes mild skin irritation. May cause an allergic skin reaction.
Inhalation	Avoid breathing vapors or mists.
Ingestion	Harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Acetone 67-64-1	= 5800 mg/kg (Rat)	-	-
Vinyl chloride 75-01-4	= 500 mg/kg (Rat)	-	-
Vinyl acetate 108-05-4	= 2920 mg/kg (Rat)	= 2320 mg/kg (Rabbit)	= 11.4 mg/L (Rat) 4 h = 3200 ppm (Rat) 4 h
Propylene oxide 75-56-9	= 520 mg/kg (Rat)	-	-
Maleic acid 110-16-7	= 708 mg/kg (Rat)	= 1560 mg/kg (Rabbit)	> 0.72 mg/L (Rat) 1 h

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization May cause an allergic skin reaction.

Germ cell mutagenicity May cause genetic defects.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

Chemical Name	ACGIH	IARC	NTP	OSHA
Vinyl chloride 75-01-4	A1	Group 1	Known	X
Vinyl acetate 108-05-4	A3	Group 2B		X
Propylene oxide 75-56-9	A3	Group 2B	Reasonably Anticipated	X
C.I. Solvent yellow 14 842-07-9		Group 3		

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A1 - Known Human Carcinogen

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

Group 3 IARC components are "not classifiable as human carcinogens"

NTP (National Toxicology Program)

Known - Known Carcinogen

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

STOT - single exposure

May cause respiratory irritation. May cause drowsiness or dizziness.

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION**Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Acetone 67-64-1		4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 8300: 96 h Lepomis macrochirus mg/L LC50	EC50 = 14500 mg/L 15 min	10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50
Vinyl chloride 75-01-4	943: 48 h Chilomonas paramecium mg/L EC50	210: 96 h Brachydanio rerio mg/L LC50		
Vinyl acetate 108-05-4		14: 96 h Pimephales promelas mg/L LC50 static 15.04 - 21.54: 96 h Lepomis macrochirus mg/L LC50 static 26.1 - 36.63: 96 h Poecilia reticulata mg/L LC50 static	EC50 = 2080 mg/L 5 min	52: 24 h Daphnia magna mg/L EC50
Propylene oxide 75-56-9	240: 96 h Pseudokirchneriella subcapitata mg/L EC50	215: 96 h Lepomis macrochirus mg/L LC50 static	EC50 = 3300 mg/L 160 min	350: 48 h Daphnia magna mg/L EC50
Maleic acid 110-16-7		5: 96 h Pimephales promelas mg/L LC50 static		250 - 400: 48 h Daphnia magna mg/L EC50

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Chemical Name	Partition Coefficient
Acetone 67-64-1	-0.24
Vinyl chloride 75-01-4	1.58
Vinyl acetate 108-05-4	0.73
Propylene oxide 75-56-9	0.08
Maleic acid 110-16-7	0.32

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

- Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.
- Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

US EPA Waste Number

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Acetone 67-64-1		Included in waste stream: F039		U002
Vinyl chloride 75-01-4	U043	Included in waste streams: F024, F025, F039, K019, K020, K028, K029	0.2 mg/L regulatory level	U043

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Vinyl chloride 75-01-4	Category I - Volatiles		Toxic waste waste number F025 Waste description: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.	

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Acetone 67-64-1	Ignitable
Vinyl acetate 108-05-4	Toxic Ignitable
Propylene oxide 75-56-9	Toxic Ignitable

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

- UN/ID No** UN1263
- Proper Shipping Name** Paint
- Hazard Class** 3
- Packing Group** II

IATA

UN/ID No	UN1263
Proper Shipping Name	Paint
Hazard Class	3
Packing Group	II

IMDG

UN/ID No	UN1263
Proper Shipping Name	Paint
Hazard Class	3
Packing Group	II

15. REGULATORY INFORMATION**International Inventories**

Not determined

US Federal Regulations**CERCLA**

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Acetone 67-64-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Vinyl chloride 75-01-4	1 lb		RQ 1 lb final RQ RQ 0.454 kg final RQ
Vinyl acetate 108-05-4	5000 lb	5000 lb	RQ 5000 lb final RQ RQ 2270 kg final RQ
Propylene oxide 75-56-9	100 lb	100 lb	RQ 100 lb final RQ RQ 45.4 kg final RQ
Maleic acid 110-16-7	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

SARA 313

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Vinyl chloride - 75-01-4	75-01-4	15-25	0.1
Vinyl acetate - 108-05-4	108-05-4	1-10	0.1
Propylene oxide - 75-56-9	75-56-9	<5	0.1
C.I. Solvent yellow 14 - 842-07-9	842-07-9	<1	1.0

CWA (Clean Water Act)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Vinyl chloride 75-01-4 (15-25)		X	X	
Vinyl acetate 108-05-4 (1-10)	5000 lb			X
Propylene oxide 75-56-9 (<5)	100 lb			X
Maleic acid 110-16-7 (<1)	5000 lb			X

US State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Vinyl chloride - 75-01-4	Carcinogen

Propylene oxide - 75-56-9	Carcinogen
C.I. Solvent yellow 14 - 842-07-9	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Acetone 67-64-1	X	X	X
Vinyl chloride 75-01-4	X	X	X
Vinyl acetate 108-05-4	X	X	X
Propylene oxide 75-56-9	X	X	X
C.I. Solvent yellow 14 842-07-9	X	X	X
Maleic acid 110-16-7	X	X	X

16. OTHER INFORMATION

NFPA	Health Hazards	Flammability	Instability	Special Hazards
	Not determined	Not determined	Not determined	Not determined
HMIS	Health Hazards	Flammability	Physical Hazards	Personal Protection
	2	3	0	X

Issue Date: 01-Jan-2012
 Revision Date: 26-Feb-2024
 Revision Note: Updated property information

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet