

MSDS *Material Safety Data Sheet*

Wechem Inc.



Excel

MSDS Number: S500D

Revision Date: 06/26/06

Page 1 of 4

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Distributed By: Wechem, Inc
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2 HAZARDS IDENTIFICATION

Route of Entry: Ingestion, eye, skin absorption, inhalation
Target Organs:
Inhalation: Can cause irritation to upper respiratory tract, headache, drowsiness, narcosis, anesthesia, unconsciousness and possible death.
Skin Contact: Prolonged contact may cause irritation.
Eye Contact: Irritation
Ingestion: Small amounts not likely to cause injury. Large amounts harmful or fatal.
HMIS II-ratings (scale 0-4): Health = 2, Fire = 1, Reactivity = 0
HMIS III-ratings (scale 0-4): Health = 2, Fire = 1, Physical Hazard = 0
NFPA-ratings (scale 0-4): Health = 2, Fire = 1, Reactivity = 0

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
79016	Trichloroethylene	90-100	50	50	B,C



4 FIRST AID MEASURES

Inhalation: Remove to fresh air. Resuscitate if necessary. Seek medical attention.
Skin Contact: Wash with soap and water. If irritated seek medical attention.
Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.
Ingestion: Do not induce vomiting. Get medical attention.

5 FIRE FIGHTING MEASURES

Flash Point: None
Flash Point Method: TCC
Burning Rate: ND
Autoignition Temperature: ND
LEL: ND
UEL: ND
Flammability Classification: NA

Extinguishing media: Foam, dry chemical, carbon dioxide, water spray or fog

Special Fire fighting procedures: Use self-contained breathing apparatus and protective clothing if needed.

Unusual Fire & Explosion Hazard: Container may vent and/ or rupture to fire and can burn at room temperature.

6 ACCIDENTAL RELEASE MEASURES

Contain liquid and absorb with suitable medium.

7 HANDLING AND STORAGE

Handling Precautions: Keep containers tightly closed when not in use. Handle all containers carefully. Store in a cool, dry area, away from sources of ignition and oxidizers.
Storage Requirements: Keep containers tightly closed when not in use. Handle all containers carefully. Store in a cool, dry area, away from sources of ignition and oxidizers. Keep out of reach of children.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ventilation Requirement: General and/ or local to control airborne levels below exposure limits.
Protective Equipment: HMIS PP, B | Goggles, Gloves
Respiratory Protection: NOISH approved respirator.
Protective gloves: Rubber/ chemical proof
Eye protection: Safety glasses/ goggles
Exposure Guidelines/Other: Hygienic work practices: Wash with soap and water before handling food.



9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless liquid	Boiling Point:	189 Deg. F.
Physical State:		Freezing/Melting Pt.:	NA
Odor:	Irritating odor at high concentrations	Solubility:	0.1 G/100G @ 25 Deg. C.
pH:	NA	Spec Grav./Density:	(H2O=1): 1.47 @ 20 Deg. C.
Vapor Pressure:	NA		
Vapor Density:	(Air=1): 4.53		
Heat Value:	NA		
Evap. Rate:	NA		
Bulk Density:	NA		
Octanol:	NA		
Molecular Weight:	NA		
Particle Size:	NA		
Softening Point:	NA		
Viscosity:	NA		
Sat. Vap. Concentrat.:	NA		
Molecular Formula:	NA		

10 STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	Direct sunlight, open flames, heat, welding arcs
Materials to avoid (incompatibility):	Metals like aluminum powder, magnesium powder, potassium, sodium and zinc powder, bases, oxidizers
Hazardous Decomposition products:	Hydrogen chloride, trace amounts of chlorine and phosgene
Hazardous Polymerization:	Will not occur

11 TOXICOLOGICAL INFORMATION

NA

12 ECOLOGICAL INFORMATION

NA

13 DISPOSAL CONSIDERATIONS

Dispose of according to local, state, or federal regulations.



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Page 4 of 4

14 TRANSPORT INFORMATION

Proper Shipping Name: Trichloroethylene, 6.1, UN 1710, PG III

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Trichloroethylene (79016 90-100%) CERCLA, CSWHS, EPCRAWPC, HAP, HWCRA, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TXAIR, TXHWL

REGULATORY KEY DESCRIPTIONS

CERCLA = Superfund clean up substance
CSWHS = Clean water Act Hazardous substances
EPCRAWPC = EPCRA water Priority Chemicals
HAP = Hazardous Air Pollutants
HWCRA = RCRA Hazardous Wastes
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHA = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
PRIPOL = Clean Water Act Priority Pollutants
PROP65 = CA Prop 65
SARA313 = SARA 313 Title III Toxic Chemicals
TOXICPOL = Clean Water Act Toxic Pollutants
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TXAIR = TX Air Contaminants with Health Effects Screening Level
TXHWL = TX Hazardous Waste List

16 OTHER INFORMATION

We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal data only
N/A = Not available N/D = Not determined

END OF MSDS DOCUMENT