

MSDS *Material Safety Data Sheet*

Wechem, Inc.



Excel

MSDS Number: S500F

Revision Date: 08/16/11

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Distributed By: Wechem, Inc
5734 Susitna Dr

Harahan, LA 70123

Contact: Charito Kuylen
Telephone Number: 504-733-1152
FAX Number: 504-733-2218
E-Mail:
Web www.wechem.com

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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® Rating H*2/F1/PH0
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

Releases of this product to the environment are regulated by federal and state environmental laws. Use only in accordance with label directions.

13 DISPOSAL CONSIDERATIONS

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



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14 TRANSPORT INFORMATION

Proper Shipping Name:

For 1 Gal: Consumer Commodity, ORM-D

For 5, 35, 55 Gal: Trichloroethylene, 6.1, UN 1710, PG III

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Trichloroethylene (79016 90-100%) CERCLA, CSWHS, EPCRAWPC, HAP, HWRCRA, 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
HWRCRA = RCRA Hazardous Wastes
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHAWAC = 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