

MSDS Material Safety Data Sheet

Wechem, Inc.



Hulk System # 109LF

MSDS Number: H109LFB

Revision Date: 03/17/09

Page 1 of 4

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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2 HAZARDS IDENTIFICATION

Route of Entry: Skin absorption, ingestion, inhalation, eye
Target Organs: NA
Inhalation: Inhalation of generated mist can cause nasal and respiratory irritation or damage to respiratory tract.
Skin Contact: Causes irritation
Eye Contact: Causes irritation and burning
Ingestion: Harmful or fatal if swallowed.

HMIS II-ratings (scale 0-4): Health = 2, Fire = 1, Reactivity = 0
HMIS III-ratings (scale 0-4): Health = 2, Fire = 1, Physical Hazard = 2
NFPA-ratings (scale 0-4): Health = 2, Fire = 1, Reactivity = 0

3 COMPOSITION/INFORMATION ON INGREDIENTS

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Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
111762	Glycol Surfactant Mixture*	>30	NA	NA	D

*Ethylene Glycol Monobutyl Ether



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Page 2 of 4

4 FIRST AID MEASURES

Inhalation: Remove to fresh air. Resuscitate if necessary. Get 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. Drink two large glasses of water. Get immediate medical attention.

5 FIRE FIGHTING MEASURES

Flash Point: No flash below 200 Deg. F.
Flash Point Method: PMCC
Burning Rate: ND
Autoignition Temperature: ND
LEL: ND
UEL: ND
Flammability Classification: NA

Extinguishing media: Foam, dry chemical, carbon dioxide, water

Special fire fighting procedures: Full fire-fighting turn-out gear and respiratory protection (SCBA).

Unusual Fire & Explosion Hazards: None

6 ACCIDENTAL RELEASE MEASURES

Absorb with suitable medium.

7 HANDLING AND STORAGE

Handling Precautions: Store in a cool, fire resistant area. Handle all containers carefully.
Storage Requirements: Store in a cool, fire resistant area. Keep out of reach of children.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ventilation Requirement: Local exhaust
Protective Equipment: HMIS PP, B | Goggles, Gloves
Respiratory Protection: None required under normal use conditions.
Protective gloves: Chemical resistant, rubber
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:	Dark blue liquid	Boiling Point:	NA
Physical State:	Liquid	Freezing/Melting Pt.:	NA
Odor:	Characteristic	Solubility:	Complete
pH:	> 13	Spec Grav./Density:	(H2O=1): 0.98 +/- 0.05
Vapor Pressure:	ND		
Vapor Density:	(Air=1): ND		
Heat Value:	NA		
VOC:	~ 37 %		
Evap. Rate:	NA		
Bulk Density:	NA		
Octanol:	NA		
Molecular Weight:	NA		
Particle Size:	NA		
Softening Point:	NA		
Viscosity:	NA		
Percent Volatile:	NA		
Sat. Vap. Concentrat.:	NA		
Molecular Formula:	NA		

10 STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	NA
Materials to avoid (incompatibility):	Strong oxidizers, acids
Hazardous Decomposition products:	Carbon dioxide, carbon monoxide
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: Corrosive Liquids, N.O.S., (Ethanolamine), 8, UN 1760, PG III

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Ethylene glycol monobutyl ether (111762 >30%) HAP, MASS, OSHAWAC, PA, SARA313, TXAIR

REGULATORY KEY DESCRIPTIONS

HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TXAIR = TX Air Contaminants with Health Effects Screening Level

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