

MSDS Material Safety Data Sheet

Wechem Inc.



Hulk System FS 101 (Formulation Base)

MSDS Number: HFS101A

Revision Date: 06/12/07

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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Product Name: Hulk System FS 101 (Formulation Base)
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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 = 2, Reactivity = 0
HMIS III-ratings (scale 0-4): Health = 2, Fire = 2, Physical Hazard = 2
NFPA-ratings (scale 0-4): Health = 2, Fire = 2, Reactivity = 0

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
111762	Glycol Surfactant Mixture*	> 70	NA	NA	D

* Ethylene Glycol Monobutyl Ether



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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: 165 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: Self contained breathing apparatus and protective clothing.

Unusual Fire & Explosion Hazards: None known

6 ACCIDENTAL RELEASE MEASURES

Absorb with suitable medium.

7 HANDLING AND STORAGE

Handling Precautions: Handle all containers carefully.
Storage Requirements: Handle all containers carefully. 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, PVC
Eye protection: Safety glasses/ goggles
Exposure Guidelines/Other: Hygienic work practices: Wash with soap and water before handling food.



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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark purple liquid	Boiling Point:	NA
Physical State:	Liquid	Freezing/Melting Pt.:	NA
Odor:	Characteristic	Solubility:	Complete
pH:	7.5 +/- 1	Spec Grav./Density:	(H2O=1): 0.95 +/- 0.05
Vapor Pressure:	ND		
Vapor Density:	(Air=1): ND		
Heat Value:	NA		
VOC:	~79 %		
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
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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14 TRANSPORT INFORMATION

Proper Shipping Name: Not Regulated

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Ethylene glycol monobutyl ether (111762 >70%) HAP, MASS, OSHAWAC, PA, SARA313, TXAIR

REGULATORY KEY DESCRIPTIONS

HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
OSHA = 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