

# MSDS Material Safety Data Sheet

Wechem Inc.



Shield

MSDS Number: I85C

Revision Date: 03/29/07

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## 1 PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

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

Product Name: Shield  
Revision Date: 03/29/07  
MSDS Number: I85C  
Product Code: I85

## 2 HAZARDS IDENTIFICATION

Route of Entry: Ingestion, eye  
Target Organs: NA  
Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation.  
Skin Contact: Prolonged contact may cause irritation, defatting, dermatitis.  
Eye Contact: Can cause mild to moderate irritation.  
Ingestion: May cause gastrointestinal irritation, nausea, vomiting, diarrhea.

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

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
63148629	Silicon Emulsion	<10	NA	NA	D
9016459	Nonylphenol Ethoxylate	<10	NA	NA	D
76902904	1-Methyl-3,5,7-Triaza-1 Azoniatricyclodecane chloride	<10	NA	NA	D



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### 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:** Induce vomiting. Get medical attention.

### 5 FIRE FIGHTING MEASURES

**Flash Point:** None  
**Flash Point Method:** NA  
**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, if needed.

Unusual Fire & Explosion Hazard: None

### 6 ACCIDENTAL RELEASE MEASURES

Absorb with suitable medium. Recover with vacuum mop.

### 7 HANDLING AND STORAGE

**Handling Precautions:** Store in a cool dry area away from heat, flame, sparks and other sources of ignition.  
**Storage Requirements:** Store in a cool dry area away from heat, flame, sparks and other sources of ignition. Keep out of reach of children.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Ventilation Requirement: Local exhaust to keep TLV below acceptable limits.  
**Protective Equipment:** HMIS PP, B | Goggles, Gloves  
Respiratory Protection: None needed for proper use in accordance with label direction. Otherwise, use NIOSH/MSHA approved respirator.  
Protective gloves: Rubber, chemical resistant  
Eye protection: Goggles, face shield  
**Exposure Guidelines/Other:** Hygienic work practices: Wash with soap and water before handling food. Remove contaminated clothing.



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### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Milky white liquid	<b>Boiling Point:</b>	212 Deg. F.
<b>Physical State:</b>	Liquid	<b>Freezing/Melting Pt.:</b>	NA
<b>Odor:</b>	Faint	<b>Solubility:</b>	Dispersible
<b>pH:</b>	8.5 +/- 1	<b>Spec Grav./Density:</b>	(H2O=1): 1.02 +/- 0.05
<b>Vapor Pressure:</b>	NA		
<b>Vapor Density:</b>	(Air=1): < 1		
<b>Heat Value:</b>	NA		
<b>VOC:</b>	NA		
<b>Evap. Rate:</b>	<1		
<b>Bulk Density:</b>	NA		
<b>Octanol:</b>	NA		
<b>Molecular Weight:</b>	NA		
<b>Particle Size:</b>	NA		
<b>Softening Point:</b>	NA		
<b>Viscosity:</b>	NA		
<b>Percent Volatile:</b>	NA		
<b>Sat. Vap. Concentrat.:</b>	NA		
<b>Molecular Formula:</b>	NA		

### 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Conditions to avoid:</b>	Freezing
<b>Materials to avoid (incompatibility):</b>	Strong oxidizing agents
<b>Hazardous Decomposition products:</b>	Carbon dioxide, carbon monoxide
<b>Hazardous Polymerization:</b>	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

## 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**