



## Polar Solv

MSDS Number: MISC32B

Revision Date: 05/25/06

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### 1 PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

Wechem, Inc  
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Harahan, LA 70123

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### 2 HAZARDS IDENTIFICATION

Route of Entry: Eye, skin absorption, ingestion, inhalation  
Target Organs: NA  
Inhalation: Inhalation of generated mist can cause nasal and respiratory irritation.  
Skin Contact: Prolonged contact can cause irritation.  
Eye Contact: Causes irritation, reddening.  
Ingestion: Can cause irritation of digestive tract.

HMIS II-ratings (scale 0-4): Health = 2, Fire = 4, Reactivity = 0  
HMIS III-ratings (scale 0-4): Health = 2, Fire = 4, Physical Hazard = 2  
NFPA-ratings (scale 0-4): Health = 2, Fire = 3, Reactivity = 0

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
141435	Monoethanolamine	<10	NA	NA	D
67630	Isopropanol	45-55	400	400	D
1569013	Propylene Glycol N-Propyl Ether	<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:** Do not induce vomiting. Drink two large glasses of water. Get medical attention.

### 5 FIRE FIGHTING MEASURES

**Flash Point:** 68 Deg. F.  
**Flash Point Method:** TCC  
**Burning Rate:** ND  
**Autoignition Temperature:** ND  
**LEL:** ND  
**UEL:** ND  
**Flammability Classification:** Flammable

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

Special Fire fighting procedures: Use self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.

Unusual Fire & Explosion Hazard: Can release vapors that form flammable mixtures at temperatures at or above the flashpoint.

### 6 ACCIDENTAL RELEASE MEASURES

Contain spill and absorb with suitable medium.

### 7 HANDLING AND STORAGE

**Handling Precautions:** Store in a cool, dry area away from sparks, flame and other sources of ignition.  
**Storage Requirements:** Store in a cool, dry area away from sparks, flame 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.  
  
Protective gloves: Chemical resistant  
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

<b>Appearance:</b>	Clear, colorless liquid	<b>Boiling Point:</b>	NA
<b>Physical State:</b>	Liquid	<b>Freezing/Melting Pt.:</b>	NA
<b>Odor:</b>	Characteristic	<b>Solubility:</b>	Complete
<b>pH:</b>	11 +/- 1	<b>Spec Grav./Density:</b>	(H2O=1): 0.90 +/- 0.05
<b>Vapor Pressure:</b>	NA		
<b>Vapor Density:</b>	(Air=1): NA		
<b>Heat Value:</b>	NA		
<b>VOC:</b>	NA		
<b>Evap. Rate:</b>	NA		
<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>	Heat, contact with incompatible material.
<b>Materials to avoid (incompatibility):</b>	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: Flammable Liquids, N.O.S (Isopropanol), 3, UN 1993, PG II

## 15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

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\*Ethanolamine (141435 <10%) HAP, MASS, OSHAWAC, PA, TXAIR

\*Isopropanol (67630 45-55%) MASS, NJHS, NRC, OSHAWAC, PA, TXAIR

REGULATORY KEY DESCRIPTIONS

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HAP = Hazardous Air Pollutants

MASS = MA Massachusetts Hazardous Substances List

OSHA = OSHA workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TXAIR = TX Air Contaminants with Health Effects Screening Level

NJHS = NJ Right-to-Know Hazardous Substances

NRC = Nationally Recognized Carcinogens

## 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