Material Safety Data Sheet

Section I. GENERAL INFORMATION
Product Name: Carpol PGP-2000
Description: Polyether Polyol
Manufacturer's Name: Carpenter Co.-Chemicals Division
5016 Monument Avenue
Richmond, Virginia 23230
Information Telephone: Carpenter Co.-Chemicals Division (804) 233-0606
Emergency Telephone: Chemtrec (800) 424-9300
Preparation Date: August 12, 2003

Section II. HAZARDOUS INGREDIENTS
Chemical Name Exposure Limits in Air
OSHA(PEL) ACGIH(TLV)
None

Section III. PHYSICAL CHEMICAL CHARACTERISTICS
Boiling Point (°F): N.Av. Specific Gravity: ~1.02
(H₂O=1)
Vapor Pressure: <1 Melting Point (°F): N.Av.
(mm Hg, @ 20°C)
Vapor Density: N.Av. Evaporation Rate: <1
(air=1) (butyl acetate=1)
Solubility in H₂O: Low.
Appearance and Odor: Clear colorless liquid, low odor.

Section IV. FIRE AND EXPLOSION DATA
Flash Point (°F): >200 (PMCC) LEL: N.Av. UEL: N.Av.
Extinguishing Media: Foam, water spray, dry chemical, CO₂.
Special Fire Fighting Procedures: Fire fighters should use positive pressure, self-contained breathing apparatus. Do not spray pool fires with direct water stream.
Unusual Fire or Explosion Hazards: None known.

Section V. REACTIVITY DATA
Stability: Stable.
Conditions to Avoid: Elevated temperatures.
Incompatibility: Strong oxidizing agents.
Hazardous Decomposition Products: Oxides of carbon.
**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** None.

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**Section VI.** **HEALTH HAZARD DATA**

**Primary Routes of Entry:** Skin and eye contact, ingestion.

**Acute Health Hazards:**

- **Ingestion:** May cause gastrointestinal discomfort.
- **Inhalation:** Not expected to be a hazard due to low vapor pressure.
- **Skin Contact:** May cause slight irritation.
- **Eye Contact:** May cause slight irritation.

**Chronic Health Hazards:** None known.

**Carcinogenicity:**
- OSHA: No
- NTP: No
- IARC: No

**Symptoms of Overexposure:** None known.

**Medical Conditions Aggravated by Exposure:** None known.

**First Aid Procedures:**

- **Ingestion:** Dilute by giving water (only if victim is conscious). Seek immediate medical attention.
- **Inhalation:** Remove to fresh air.
- **Skin Contact:** Wash thoroughly with soap and water.
- **Eye Contact:** Rinse eyes with running water for at least 15 minutes. Seek medical attention if irritation develops or persists.

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**Section VII.** **H.M.I.S. RATING**

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<tr>
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<th>Rating</th>
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<tbody>
<tr>
<td>Health</td>
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<tr>
<td>Flammability</td>
<td>1</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
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<tr>
<td>Personal Protection</td>
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**Section VIII.** **PRECAUTIONS FOR HANDLING AND USE**

**Steps to Be Taken in Case Material is spilled:** Stop leak, dam spill and transfer liquid into a suitable container. Collect residue with absorbent and transfer into a suitable container for proper disposal.

**Waste Disposal Method:** Dispose of in accordance with local, state, and Federal regulations.

**Handling/Storage:** Store in cool dry area. Keep container closed to maintain product quality.

**Other Precautions:** None.

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**Section IX.** **CONTROL MEASURES**
Respiratory Protection: None required in normal use.

Ventilation: General mechanical ventilation.

Skin Protection: PVC or rubber gloves.

Eye Protection: Safety glasses with side shields or chemical goggles, if there is a possibility of splashing.

Other Protection: Eye bath and safety shower.

Work/Hygiene Practices: Wash thoroughly after using.

Section X. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA):

The ingredients of this product are listed on the TSCA Inventory.

SARA TITLE III INFORMATION:

Section 311/312 - Reportable Materials:

None

Section 313 - Supplier Notification:

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 (40 CFR 372):

<table>
<thead>
<tr>
<th>CAS #</th>
<th>CHEMICAL NAME</th>
<th>PERCENT BY WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
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