Material Safety Data Sheet

Section I. GENERAL INFORMATION
Product Name: CARPOL PGP-4025-60
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: March 25, 2002

Section II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Exposure Limits in Air</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>OSHA (PEL)</td>
</tr>
<tr>
<td></td>
<td>ACGIH (TLV)</td>
</tr>
</tbody>
</table>

None

Section III. PHYSICAL CHEMICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point (°C)</td>
<td>N.Av.</td>
</tr>
<tr>
<td>Specific Gravity (H₂O=1)</td>
<td>~1.05</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg, @ 25°C)</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Melting Point (°C)</td>
<td>N.Av.</td>
</tr>
<tr>
<td>Vapor Density (air=1)</td>
<td>N.Av.</td>
</tr>
<tr>
<td>Evaporation Rate (butyl acetate=1)</td>
<td>N.Av.</td>
</tr>
</tbody>
</table>

Solubility in H₂O: Moderate to high.

Appearance and Odor: Clear liquid, low odor.

Section IV. FIRE AND EXPLOSION DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (°F)</td>
<td>N.Av.</td>
</tr>
<tr>
<td>LEL</td>
<td>N.Av.</td>
</tr>
<tr>
<td>UEL</td>
<td>N.Av.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>Elevated temperatures.</td>
</tr>
</tbody>
</table>
Incompatibility: Strong oxidizing agents.

Hazardous Decomposition Products: Upon burning, oxides of carbon.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: None known.

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.

Eye Contact: May cause slight irritation.

Skin: 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); induce vomiting. Get 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. Get medical attention if irritation develops or persists.

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

Health 1
Flammability 1
Reactivity 0
Personal Protection -
**Section VIII.**  
**PRECAUTIONS FOR HANDLING AND USE**

**Steps to Be Taken in Case Materials are spilled:** Stop leak, dam spill, and collect liquid in 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 under 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 potential for splashing.

**Other Protection:** Eye bath and safety shower.

**Work/Hygienic Practices:** Wash thoroughly after using.

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**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>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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