



CONFIDENTIAL

Please restrict the use to your internal company requirements.

# Material Safety Data Sheet

## ENLUBE PRO-P ANTI-FREEZE

HMIS

|                      |    |
|----------------------|----|
| Health               | 1  |
| Flammability         | 1  |
| Reactivity           | 0  |
| Protective Equipment | FG |

### Section 1 – Chemical Product and Company Identification

Engineered Lubricants Co.  
11525 Rock Island Court  
Maryland Heights, MO 63043-3597

**Emergency Phone Numbers**  
Engineered Lubricants: 314-872-9540  
Transportation Emergencies: Chemtrec: 1-800-424-9300  
After Hours Medical Emergencies: 1-800-876-0008 Ext. 3068

**Product Description:** Propylene Glycol Heat Transfer Fluid

### Section 2 – Composition / Information on Ingredients

| Hazardous Components<br>Per 40 CFR Parts 302.4, 355.5, & 372.65 | CAS # | % Vol | Exposure Limits |          | Carcinogen |      |      |
|---|-------|-------|-----------------|----------|------------|------|------|
|   |       |       | ACGIH TLV       | OSHA PEL | NTP        | IARC | OSHA |
| None  |       |       |                 |          |            |      |      |

|  |     |     |   |   |   |
|--|-----|-----|---|---|---|
| <b>Balance of Components:</b> Trade Secret | N/E | N/E | N | N | N |
| <b>Other Exposure Limits:</b>              |     |     |   |   |   |

**EPA SARA Title III Section 313 (40CFR 372) Toxic Chemicals Above De Minimis Levels:** None

**Hazard Categories (29CFR 1910.1200):** **Health:** Acute **Physical:** None

The exact chemical identity of this product may be withheld as a **Trade Secret** in accordance with OSHA Hazard Communication Standard, 29 CFR 1910.1200(i). In a medical emergency, health professionals may obtain identity by calling 1-800-876-0008 Ext. 3068.

N/E = Not Established      N/A = Not Applicable      N/D = No Data/Not Determined      C = Ceiling      (Sk) = Skin

### Section 3 – Physical and Chemical Properties

|                       |                                      |
|-----------------------|--------------------------------------|
| <b>Color:</b> Yellow  | <b>Physical State:</b> Liquid        |
| <b>Odor:</b> Odorless | <b>% Volatile By Vol.:</b> N/D       |
| <b>SpG 60°F:</b> 1.05 | <b>Solubility in Water:</b> Complete |
| <b>Lb/Gal:</b> 8.74   | <b>Boiling Point °F:</b> 370         |

Physical data are typical values based on material tested but may vary from batch to batch.

### Section 4 – Fire-Fighting Measures

**Flash Point °F:** 215      **Method Used:** TOC

**Extinguishing Media:** Water Fog, Dry Chemical, Foam, CO<sub>2</sub>

**Special Fire Fighting Procedures:** Fire fighters should wear self-contained breathing gear.

**Unusual Fire & Explosion Hazards:** Closed containers may rupture if exposed to intense heat.

### Section 5 – Stability and Reactivity

**Stability:** Stable      **Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** Excessive Heat

**Incompatibility:** Oxidizing Agents

**Decomposition Products:** Oxides of Carbon and other products of incomplete combustion.

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## Section 6 – Health Hazard Information

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### Potential Health Effects

**Skin Contact:** Prolonged, repeated contact may cause irritation.

**Eye Contact:** May cause slight transient irritation.

**Inhalation:** Of mists and vapors may cause irritation.

**Ingestion:** Not expected to cause irritation.

### Emergency and First Aid Procedures

**Skin Contact:** Wash thoroughly with soap and water.

**Eye Contact:** Flush with running water for at least 15 minutes while holding eyelids open.

**Inhalation:** Move to fresh air. Consult a physician.

**Ingestion:** Do not induce vomiting. Get medical attention.

If irritated or if irritation persists, consult physician. Wash contaminated clothing before reuse.

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## Section 7 – Spill, Leak, and Disposal Procedures

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**Steps to be Taken in Case Material is Released or Spilled:** Ventilate area. Do not allow to enter waterways and sewers. Wear appropriate protective equipment. Pick up free liquid for recycle and/or disposal. Collect remaining product with inert absorbent material for disposal. Flush area with water to remove trace residue.

**Waste Disposal Method:** According to local, state, and federal regulations.

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## Section 8 – Exposure Controls / Personal Protection

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**Eye:** Where there is significant potential for eye contact, wear chemical goggles and have eye flushing equipment available.

**Skin:** Protective gloves and clothing are recommended.

**Respiratory:** Required if discomfort is experienced or if vapor levels are in excess of exposure limits (See Sec. 2). Follow OSHA respirator regulations (29 CFR 1910-134).

**Ventilation:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below exposure limits (See Sec. 2).

**Other Protective Equipment:** If splash is unavoidable, wear appropriate impervious clothing.

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## Section 9 – Special Precautions and Comments

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**Precautions to be Taken in Handling and Storing:** Do not store above 120F. Do not flame cut, braze, or weld containers (empty, part full or full). Empty containers are not to be used for storage or shipment of fluid of any type. When use of an empty container for waste is unavoidable, all current local, state, and federal regulations and procedures must be followed.

**Other Precautions:** Avoid contact with skin, eyes, and clothing. Wash hands with soap and water before eating, drinking, or smoking. Avoid or contain mists/vapors. Persons exposed to mists/vapors should wear an approved breathing device. Keep containers closed when not in use. This product is slippery and may cause falls if walked on.

**Date Prepared:** 12/10/04 (Supersedes 4/29/04)

**Code:** 603

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