

# SAFETY DATA SHEET

## Polymer MP Lubricant REACH APPROVED (all viscosities)

Revision: 06/06/2023

Supersedes Revision: 11/12/2020

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 2020/878; US OSHA HCS 2015; and Canadian WHMIS 2015.

### Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** 400EU  
**Product Name:** Polymer MP Lubricant REACH APPROVED (all viscosities)
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- 1.3 Details of the Supplier of the Safety Data Sheet:**  
**Company Name:** Oil Center Research International, LLC      **Phone Number:**  
 106 Montrose Avenue      (337)993-3559  
 Lafayette, LA 70503      United States of America
- 1.4 Emergency telephone number:**  
**Emergency Contact:** 01-703-527-3887

### Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
- 2.2 Label Elements:**  
**GHS Signal Word:** None  
**Hazard-determining components of labelling:**  
**GHS Hazard Phrases:**  
 No phrases apply.  
**GHS Precautionary Phrases:**  
 No phrases apply.  
**GHS Response Phrases:**  
 No phrases apply.  
**GHS Storage and Disposal Phrases:**  
 No phrases apply.  
**UFI:**
- 2.3 Adverse Human Health Effects and Symptoms:**
- 2.3.1 Inhalation:** Low hazard for normal industrial handling. Excessive inhalation may cause minor respiratory irritation.
- 2.3.2 Skin Contact:** May cause skin irritation.
- 2.3.3 Eye Contact:** Causes eye irritation.
- 2.3.4 Ingestion:** Ingestion of large amounts may cause gastrointestinal irritation. Expected to be a low ingestion hazard.

### Section 3. Composition/Information on Ingredients

CAS #	Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	GHS Classification
64741-88-4	Mineral oil 01-2119488706-23	65 - 85 % **	265-090-8 649-454-00-7	Carcinogen 1B: H350

\*\* Actual concentration is withheld as a trade secret.

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**viscosities)**

### Section 4. First Aid Measures

**4.1 Description of First Aid**

**Measures:**

**In Case of Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

**In Case of Skin Contact:** Get medical aid if irritation develops or persists.

**In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**In Case of Ingestion:** Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

**Note for the Doctor:** Treat symptomatically and supportively.

### Section 5. Fire Fighting Measures

**5.1 Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or chemical foam.

**5.2 Flammable Properties and Hazards:** No data available.

No data available.

**Flash Pt:** 276.7 C (530.00 F) Method Used: Small Scale Open Cup

**Explosive Limits:** LEL: No data. UEL: No data.

**Autoignition Pt:** NA

**5.3 Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

### Section 6. Accidental Release Measures

**6.1 Protective Precautions, Protective Equipment and Emergency Procedures:** No data available.

**6.2 Environmental Precautions:** No data available.

**6.3 Methods and Material For Containment and Cleaning Up:** Use proper personal protective equipment as indicated in Section 8.  
Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

### Section 7. Handling and Storage

**7.1 Precautions To Be Taken in Handling:** Avoid contact with eyes, skin, and clothing.

**7.2 Precautions To Be Taken in Storing:** Store in a cool, dry place.

### Section 8. Exposure Controls/Personal Protection

**8.1 Exposure Parameters:**

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**8.2 Exposure Controls:**

**8.2.1 Engineering Controls (Ventilation etc.):** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

**8.2.2 Personal protection equipment:**

**Personal Protective Equipment Symbols:**



**Eye Protection:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Protective Gloves:** Wear appropriate gloves to prevent skin exposure.

**Other Protective Clothing:** Wear appropriate protective clothing to minimize contact with skin.

**Respiratory Equipment (Specify Type):** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

No data available.

**Exposure Scenarios:** No data available.

## Section 9. Physical and Chemical Properties

**9.1 Information on Basic Physical and Chemical Properties**

**Physical States:** [ ] Gas [ X ] Liquid [ X ] Solid

**Appearance and Odor:** Paste.  
Mild Petroleum.

Appearance: green.

**pH:** No data.

**Melting Point:** NA

**Boiling Point:** NA

**Flash Pt:** 276.7 C (530.00 F) Method Used: Small Scale Open Cup

**Evaporation Rate:** No data.

**Saturated Vapor Concentration:** No data.

**Flammability (solid, gas):** No data available.

**Explosive Limits:** LEL: No data. UEL: No data.

**Vapor Pressure (vs. Air or mm Hg):** No data.

No data.

**Vapor Density (vs. Air = 1):** No data.

**Specific Gravity (Water = 1):** 0.856 - 0.899 at 25.0 C ( 77.0 F)

**Density:** 7.14 - 7.50 at 25.0 C ( 77.0 F)

**Solubility in Water:** < 1

**Octanol/Water Partition Coefficient:** No data.

**Autoignition Pt:** NA

**Decomposition Temperature:** No data.

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**Viscosity:** No data.

### 9.2 Other Information

#### 9.2.1 Information with regard to physical hazard classes

Information with regard to primary physical hazard:

#### 9.2.2 Other safety characteristics

## Section 10. Stability and Reactivity

**10.1 Reactivity:** No data available.

**10.2 Stability:** Unstable [ ] Stable [ X ]

**10.3 Conditions To Avoid -** No data available.

#### Hazardous Reactions:

**Possibility of** Will occur [ ] Will not occur [ X ]

#### Hazardous Reactions:

**10.4 Conditions To Avoid -** No data available.

#### Instability:

**10.5 Incompatibility -** Strong oxidizing agents, acids.

#### Materials To Avoid:

**10.6 Hazardous** Carbon monoxide, Carbon dioxide.

#### Decomposition or

#### Byproducts:

## Section 11. Toxicological Information

**11.1 Information on** Epidemiology: No information found.

**Toxicological Effects:** Teratogenicity: No information available.

**Carcinogenicity/Other** CAS# 471-34-1: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

#### Information:

CAS #	Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
64741-88-4	Mineral oil	n.a.	n.a.	n.a.	n.a.

## Section 12. Ecological Information

**12.1 Toxicity:** Environmental: Inorganic borates are a water-soluble white powder that may, at high concentrations, cause damage to trees or vegetation by root absorption. This chemical released into the environment will not have a significant impact.

Physical: No information available.

**12.2 Persistence and** No data available.

#### Degradability:

**12.3 Bioaccumulative** No data available.

#### Potential:

**12.4 Mobility in Soil:** No data available.

**12.5 Results of PBT and** No data available.

#### vPvB assessment:

**12.6 Other adverse effects:** No data available.

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### Section 13. Disposal Considerations

- 13.1 Waste Disposal Method:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
- RCRA P-Series: None listed.  
RCRA U-Series: None listed.

### Section 14. Transport Information

#### 14.1 LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Not regulated as a hazardous material

**DOT Hazard Class:**

**UN/NA Number:**

#### 14.1 LAND TRANSPORT (Canadian TDG):

**TDG Shipping Name:** NOT REGULATED .

**UN Number:**

**Hazard Class:**

**TDG Classification:**

#### 14.1 LAND TRANSPORT (European ADR/RID):

**ADR/RID Shipping Name:** No information available.

**UN Number:**

**Hazard Class:**

#### 14.2 MARINE TRANSPORT (IMDG/IMO):

**IMDG/IMO Shipping Name:** Not regulated as a hazardous material

**UN Number:**

**Packing Group:**

**Hazard Class:**

#### 14.3 AIR TRANSPORT (ICAO/IATA):

**ICAO/IATA Shipping Name:** Not regulated as a hazardous material

**UN Number:**

**Packing Group:**

**Hazard Class:**

### Section 15. Regulatory Information

#### EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
64741-88-4	Mineral oil	No	No	No

#### This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Explosive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Acute toxicity (any route of exposure)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Flammable (gases, aerosols, liquid, or solid)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Skin Corrosion or Irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Serious eye damage or eye irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Self-reactive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Respiratory or Skin Sensitization
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pyrophoric (liquid or solid)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Germ cell mutagenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pyrophoric gas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Carcinogenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Self-heating	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Reproductive toxicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Organic peroxide	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Specific target organ toxicity (single or repeated exposure)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corrosive to metal	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Aspiration Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Gas under pressure (compressed gas)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Simple Asphyxiant
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	In contact with water emits flammable gas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Health) Hazard Not Otherwise Classified (HNOC)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Combustible Dust		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Physical) Hazard Not Otherwise Classified (HNOC)		

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CAS #	Components (Chemical Name)	Canadian NPRI	Canadian Toxic	Canadian DSL
64741-88-4	Mineral oil	No	No	Yes
CAS #	Components (Chemical Name)	Other US EPA or State Lists		
64741-88-4	Mineral oil	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; MA Oil/HazMat: No; NJ EHS: No; NY Part 597: No; PA HSL: No		
CAS #	Components (Chemical Name)	International Regulatory Lists		
64741-88-4	Mineral oil	REACH: Yes - 01-2119488706-23: Full, (P), C2		

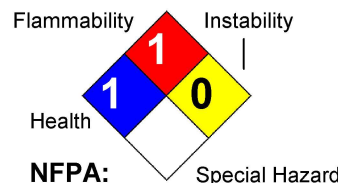
### Section 16. Other Information

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Hazard Rating System:

HEALTH	1
FLAMMABILITY	1
PHYSICAL	0
PPE	B

HMIS:



Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

The information contained here is based upon data available to us and reflects our best professional judgment. Since it is impossible to anticipate the conditions under which our products may be used, we cannot guarantee that the recommendations will be adequate for all individuals and situations. Each user of this product should determine the suitability of the product with zero or minimum hazards. Our products are improved daily as up-to-date information and research data is obtained from our suppliers in our quest to use products with less or no hazards. Please feel free to contact us for current information.