



# SAFETY DATA SHEET

## EP Series 680

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200 and WHMIS 2015, in compliance with the Hazardous Product Act (HPA, as amended) and the requirements of the Hazardous Product Regulations (HPR).

### Section 1 - Product and Company Identification

#### Product identifier

**Product name** EP Series 680

#### Recommended use of the chemical and restrictions on use

**Application** Industrial Lubricant

**Use advised against** Applications other than those intended. For application information see product Technical Data Sheet or consult with a company representative.

#### Details of the supplier of the safety data sheet

**Supplier** AMSOIL INC.  
2724 W. Hampton Ave.  
Milwaukee, WI 53209

**Telephone Numbers**  
During normal business hours call (414)442-2900  
Available 24 hours call CHEMTREC (800)424-9300

**Email Address**  
COMPLIANCE@AMSOIL.COM

### Section 2 - Hazards Identification

**Emergency Overview:** In accordance with good industrial hygiene and industrial practices. Airborne exposures should be controlled to the lowest extent possible. Do not ingest. Avoid contact with eyes, skin, and clothing. Use only with adequate ventilation. Wash thoroughly after handling. Keep container closed.

#### GHS Ratings:

There are no GHS ratings that apply to this product at this time

#### GHS Hazards

There are no GHS hazards that apply to this product at this time

#### GHS Precautions

There are no GHS precautions that apply to this product at this time

### Section 3 - Composition

Proprietary additive(s) listed only if considered hazardous per OSHA regulations, at a 1% or greater concentration (0.1% for carcinogens)

Chemical Name	CAS number	Weight Concentration %
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Paraffin oils (petroleum), catalytic dewaxed heavy	64742-70-7	40.00% - 50.00%
Heavy Naphthenic Hydrotreated Distillates	64742-52-5	20.00% - 30.00%

### Section 4 - First Aid Measures

**Inhalation:** Remove from further exposure. For those providing assistance, avoid exposure to yourself. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, a trained individual should attempt to resuscitate while getting immediate medical aid.

**Eye Contact:** Flush eyes with water for at least 15 minutes. If irritation occurs, seek medical attention.

**Skin Contact:** Prolonged or repeated contact may cause irritation. Good hygienic practices should be observed at all times. Wash exposed skin with soap and warm water.

**Ingestion:** If ingested, seek medical attention. Do not induce vomiting unless directed by a medical personnel.

### Section 5 - Fire Fighting Measures

**Flash Point:** 277 C (531 F)

**Extinguishing Media:** Carbon Dioxide (CO<sub>2</sub>), dry chemical or foam. Do not use a waterjet. Water can be used to cool and protect exposed material.

**Unusual Fire Hazards:** Pressurized mists may form a flammable mixture.

**Products of Combustion:** Fumes, smoke, CO<sub>x</sub>, SO<sub>x</sub>, NO<sub>x</sub>, when combusted.

**Fire Fighting Instructions:** Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Fire fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus. Use water supply to cool fire exposed surfaces and to protect personnel.

### Section 6 - Accidental Release Measures

**Notification Procedures:** In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. US regulations require reporting releases of this material (which exceed the applicable reportable quantity) into the environment, or oil spills which could reach any waterway (including intermittent dry creeks). The National Response Center can be reached at 1-800-424-8802.

**Spill Management:** Shut off source of leak if it is safe to do so. Dike and contain spill.

**Small Spills:** While wearing suitable personal protective equipment (PPE), absorb spill with clay, sand or other suitable material. Place in a non-leaking container and seal tightly for proper disposal.

**Large Spills:** Ventilate the contaminated area. Wearing suitable PPE, pump into salvage vessels. Dispose of collected material according to regulations.

### Section 7 - Handling and Storage

**Handling:** Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists of this product. Do not take internally. Use this product with adequate ventilation. Launder work clothes frequently.

**Storage:** Keep properly labeled container tightly closed, and in a cool, well-ventilated place away from incompatible materials. Store away from heat, sparks and other ignition sources. Containers, even those have been emptied, can contain combustible vapors. Do not pressurize, cut, weld, drill or grind on or near containers. Do not reuse empty containers.

### Section 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Paraffin oils (petroleum), catalytic dewaxed heavy 64742-70-7	PEL: 5mg/m <sup>3</sup> (mist)	TWA: 5mg/m <sup>3</sup> (Inhalable fraction)	Not Determined

## EP Series 680

Heavy Naphthenic Hydrotreated Distillates 64742-52-5	PEL: 5 mg/m3	TLV: 5 mg/m3 (Inhalable)	Not Determined
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**Ventilation Control:** Provide adequate ventilation to control airborne concentrations below the exposure guidelines/limits.

**Personal Protection:** As prescribed in the OSHA Standard for Personal Protective Equipment (29 CFR 1910.132), employers must perform a Hazard Assessment of all workplaces to determine the need for proper protective equipment for each employee.

**Eye Protection:** Normal industrial eye protection practices should be employed.

**Skin Protection:** In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

**Respiratory:** If airborne concentration limits are not met, a NIOSH approved respirator must be worn.

**Contaminated Gear:** Soiled work clothing should be laundered or dry-cleaned.

## Section 9 - Physical and Chemical Properties

Typical physical and chemical properties are given below. Consult the manufacturer in Section 1 for additional data.

<p><b>Odor threshold:</b> No Data Available</p> <p><b>Specific Gravity@60F</b> 0.9133</p> <p><b>Freezing point:</b> No Data Available</p> <p><b>Evaporation rate:</b> No Data Available</p> <p><b>Explosive Limits:</b> No Data Available</p> <p><b>Autoignition temperature:</b> No Data Available</p> <p><b>Viscosity@40C</b> 680 cSt</p> <p><b>Appearance:</b> Amber Liquid</p> <p><b>Vapor Pressure:</b> No Data Available</p>	<p><b>Vapor Density:</b> No Data Available</p> <p><b>Melting point:</b> No Data Available</p> <p><b>Flash point:</b> 531°F,277°C</p> <p><b>Flammability:</b> No Data Available</p> <p><b>Partition coefficient:</b> No Data Available</p> <p><b>Decomposition temperature:</b> No Data Available</p> <p><b>Grams VOC less water:</b> No Data Available</p> <p><b>Odor:</b> Characteristic</p>
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## Section 10 - Stability and Reactivity

**Stability:** Material is stable under normal conditions.

**Conditions to Avoid:** Excessive heat. High energy sources of ignition.

**Material to Avoid:** Strong oxidizers.

**Hazardous Decomposition Products:** This material does not decompose at ambient temperatures.

**Hazardous Polymerization:** Will not occur under normal circumstances.

## Section 11 - Toxicological Information

### Mixture Toxicity

#### Component Toxicity

64742-52-5 Heavy Naphthenic Hydrotreated Distillates  
Dermal LD50: 2,001 mg/kg (Rabbit)

If applicable, the ingredient(s) listed above are considered hazardous per OSHA 1910.1200. Included are the corresponding LD50 ratings, if available. Hazardous ingredients are required to be listed if they are used in the final product at a 1% (0.1% for carcinogens) or greater concentration.

**Routes of Entry:** Eye contact. Dermal contact. Inhalation. Ingestion.

None

**Target Organs:** None known

None

### Effects of Overexposure

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<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			None

## Section 12 - Ecological Information

**Ecotoxicity:** No data available for this product.

**Component Ecotoxicity**

## Section 13 - Disposal Considerations

**Disposal Instructions:** Refer to the latest US EPA, state and local regulations regarding proper disposal.

## Section 14 - Transport Information

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Not Regulated	N/A	N/A	N/A

## Section 15 - Regulatory Information

Prepared according to US OSHA 29CFR 1910.1200 regulations.

Additional regulatory listings, where applicable.

**California Prop 65:** The following chemicals are known to the State of California to cause cancer, birth defects, or other reproductive harm.

1,4 Dioxane  
2-Propenoic Acid, Ethyl Ester  
Ethylene oxide  
Propylene oxide

The following chemicals are listed under **SARA 313**:

None

**SARA 311/312 Hazardous Chemicals:** See Section 2 of SDS for Hazard Identification.

None

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
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**Toxic Substances Control Act (TSCA) Status:** All components are listed on the EPA/TSCA Inventory of Chemical Substances.

None

## Section 16 - Other Information

AMSOIL has taken all reasonable steps to ensure this data sheet and the information contained in it is accurate as

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of the date issued. No warranty is made as to the accuracy or completeness of the information in this data sheet. The information stated on this SDS applies only to the intended applications. Do not use this product for any application other than the intended application. Employers are responsible for communicating any hazards and precautions described in this sheet.

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