



SDS# 2026-D  
Product Code: GRSYN  
Date of Preparation: 10/02/17

## Safety Data Sheet

### SECTION 1 IDENTIFICATION

**Product Name:** Special Performance Lubricant (SPL) EP Waterproof #2 Grease

**Product Code:** GRSYN

**Product Use:** Engine Oil

**Restrictions on Use:** Use only as directed

**Manufacturer:**

Intercontinental Lubricants Corp / Spectro Oils of America  
993 Federal Road  
Brookfield, CT 06804  
(203) 775-1291 Fax: (203) 775-8720

**Emergency Phone (Infotrac):** 1 (800) 535-5053 (US and Canada)  
1 (352) 323-3500 (International)

**SDS Date of Preparation:** 10/02/17

### SECTION 2 HAZARDS IDENTIFICATION

**Classification:**

Physical	Health
Not Hazardous	Not Hazardous

**Label Elements:**

Not required

### SECTION 3 PRODUCT COMPONENTS

Chemical Name	CAS#	Concentration
Petroleum Base Oil	64742-70-7	80-100%
Molybdenum Disulfide	1317-33-5	1-5%

The exact percentage has been withheld as a trade secret.

### SECTION 4 EMERGENCY and FIRST AID PROCEDURES

**Eye Contact:** Immediately flush eye with water for several minutes holding the eyelids apart. Get medical attention if irritation persists.

**Skin Contact:** Wash thoroughly with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation develops.

**Inhalation:** Remove victim to fresh air. If irritation develops or breathing is difficult, get medical attention.

**Ingestion:** Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconsciousness person unless directed by medical personnel. Get medical attention.

**Most important symptoms/effects, acute and delayed:** May cause mild eye irritation. Prolonged skin contact may cause irritation and drying of the skin. Excessive inhalation of mists may cause upper respiratory tract irritation. Swallowing may cause nausea and diarrhea.

**Indication of immediate medical attention and special treatment, if necessary:** None required under normal conditions of use.

#### SECTION 5 FIRE and EXPLOSION HAZARD DATA

**Suitable extinguishing media:** Water fog, foam, carbon dioxide, dry chemical. Do not use a solid stream of water as this may cause the fire to spread.

**Specific hazards arising from the chemical:** Not classified as flammable but will burn under fire conditions. At elevated temperatures containers may rupture. Use of large amounts of water may cause product to float and spread fire. Combustion may produce carbon, sulfur, calcium, phosphorus, zinc and molybdenum oxides.

Firefighters should wear full emergency equipment and a NIOSH approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water.

#### SECTION 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment, and emergency procedures:** Wear appropriate protective equipment. Wash thoroughly after handling. Use caution as surfaces may be slippery.

**Environmental hazards:** Avoid release into the environment. Report spill as required by local and federal regulations.

**Methods and materials for containment and cleaning up:** Contain and collect with an inert absorbent and place into closable containers for disposal. Clean spill area thoroughly with soap and water.

#### SECTION 7 HANDLING and STORAGE

**Precautions for safe handling:** Avoid contact with eyes and prolonged or repeated contact with skin and clothing. Avoid breathing vapors and mists. Wash thoroughly after handling. Remove contaminated clothing and launder before re-use.

**Conditions for safe storage, including any incompatibilities:** Store in a cool area away from oxidizing agents. Protect containers from physical damage.

Empty containers retain product residues. Follow all SDS precautions in handling empty containers.

#### SECTION 8 EXPOSURE CONTROLS and PERSONAL PROTECTION

##### Exposure Guidelines:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Exposure Limits</u>
Petroleum Base Oil	64742-70-7	5 mg/m <sup>3</sup> TWA OSHA PEL 5 mg/m <sup>3</sup> TWA ACGIH TLV (inhalable)
Molybdenum Disulfide	1317-33-5	15 mg/m <sup>3</sup> TWA OSHA PEL (total dust) 3 mg/m <sup>3</sup> TWA (respirable), 10 mg/m <sup>3</sup> (inhalable) ACGIH TLV

**Appropriate engineering controls:** Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. . If the recommended exposure limit is exceeded increased mechanical ventilation such as local exhaust may be required.

**Respiratory protection:** None needed under normal use conditions with adequate ventilation. If exposures are excessive, use a NIOSH approved respirator with organic vapor cartridges and particulate pre-filter. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

**Skin protection:** Impervious gloves recommended if needed to avoid prolonged skin contact.

**Eye protection:** Follow facility requirements. Safety goggles recommended if contact is possible.

**Other:** Impervious clothing as needed to avoid prolonged/repeated skin contact. Suitable washing facilities should be available.

## SECTION 9 PHYSICAL and CHEMICAL PROPERTIES

**Appearance (physical state, color, etc.):** Black grease

**Odor:** Mild odor.

<b>Odor threshold:</b> Not available	<b>pH:</b> Not applicable
<b>Melting point/Pourpoint:</b> Not available	<b>Boiling Point:</b> Not available
<b>Flash point:</b> >300.2°F (>149°C) (petroleum base oil)	<b>Viscosity:</b> >20 cSt @40°C
<b>Flammability (solid, gas):</b> Not applicable	
<b>Flammable limits: LEL:</b> Not available	<b>UEL:</b> Not available
<b>Vapor pressure:</b> Not available	<b>Vapor density (air =1):</b> Not available
<b>Relative density:</b> 0.9	<b>Solubility(ies):</b> Insoluble in water
<b>Partition coefficient: n-octanol/water:</b> Not available	<b>Auto-ignition temperature:</b> Not available
<b>Decomposition temperature:</b> Not available	<b>Evaporation rate:</b> <1

## SECTION 10 STABILITY and REACTIVITY

**Reactivity:** This product is not expected to react.

**Chemical stability:** The product is stable.

**Possibility of hazardous reactions:** None known.

**Conditions to avoid:** Avoid extreme heat and open flames.

**Incompatible materials:** Avoid strong oxidizing agents, acids and alkalis.

**Hazardous decomposition products:** Thermal decomposition may yield carbon, sulfur, calcium, phosphorus, zinc and molybdenum oxides.

## SECTION 11 TOXICOLOGICAL INFORMATION

**Health hazards:**

**Inhalation:** Excessive inhalation of heated vapors may cause irritation of mucous membranes and upper respiratory tract.

**Skin Contact:** Prolonged or repeated contact may cause mild irritation or dryness. Repeated skin contact may cause dermatitis.

**Eye Contact:** May cause mild irritation with redness and tearing.

**Ingestion:** Swallowing large amounts may cause gastrointestinal effects including nausea and diarrhea.

**Chronic Effects of Overexposure:** none known.

**Sensitization:** None of the components have been found to cause sensitization in animals or humans.

**Mutagenicity:** This product is not expected to cause mutagenic activity.

**Reproductive Toxicity:** This product is not expected to cause reproductive or developmental effects.

**Carcinogenicity:** None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, or OSHA.

**Acute Toxicity Values:**

**Acute Toxicity Estimates:** Oral: 333,333 mg/kg, Dermal>2000 mg/kg

Petroleum Base Oil: Oral Rat LD50 >5000 mg/kg, Inhalation rat LC50 >5.53 mg/L/4 hr, Dermal rabbit LD50 >2000 mg/kg

Molybdenum Disulfide: Oral rat LD50 >2000 mg/kg, Inhalation rat LC50 >2.82 mg/L/4 hr, Dermal rat LD50 >2000 mg/kg

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:**

Petroleum Base Oil: 96 hr LL50 *Pimephales promelas* >100 mg/L, 48 hr EL50 *daphnia magna* >10,000 mg/L, 96 hr NOEL *Pseudokirchnerella subcapitata* >100 mg/L

Molybdenum Disulfide: 96 hr EC50 *Pimephales promelas* 609.1 mg/L, 48 hr EC50 *daphnia magna* 2729.4 mg/L, 72 hr EC50 *Pseudokirchnerella subcapitata* >218 mg/L

**Persistence and degradability:** Petroleum base oil is not readily biodegradable.

**Bioaccumulative potential:** Petroleum base oil has the potential to bioaccumulate in aquatic organisms.

**Mobility in soil:** No data available.

**Other adverse effects:** None known.

**SECTION 13: DISPOSAL INFORMATION**

**Waste Disposal Method:** Dispose in accordance with all local, state and federal regulations.

**SECTION 14: TRANSPORTATION INFORMATION**

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Not Regulated			
TDG		Not Regulated			
IMDG		Not Regulated			
IATA		Not Regulated			

**Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable – product is transported only in packaged form.

**Special precautions:** None known.

**SECTION 15: REGULATORY INFORMATION**

**Safety, health, and environmental regulations specific for the product in question.**

**CERCLA:** This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**EPA SARA 302:** This product does not contain chemicals regulated under SARA Section 302.

**EPA SARA 311 Hazard Classification:** Refer to Section 2 for OSHA Hazard Classification

**EPA SARA 313:** This product contains the following chemicals that are regulated under SARA Title III, section 313: None

**California Proposition 65:** This product contains the following chemicals known to the State of California to cause cancer and reproductive toxicity: None.

**US EPA Toxic Substances Control Act:** All of the components of this product are listed on the TSCA inventory.

**Canada CEPA:** All of the components of this product are listed on the Canadian Domestic Substances List.

<b>SECTION 16: OTHER INFORMATION</b>
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NFPA Rating: Health: 0      Fire: 1      Reactivity: 0

Revision History:

10/27/15: Converted to GHS format. All section revised

10/02/17: Header, Section 1 Emergency Phone Number, Section 15 SARA 311