

MATERIAL SAFETY DATA SHEET



Date Issued: 11/16/2011

MSDS No: RPHPSMOTOROIL-11611

Royal Purple® HPS Motor Oil

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Royal Purple® HPS Motor Oil**GENERAL USE:** Lubricant and corrosion inhibitor**CHEMICAL FAMILY:** Synthetic based lubricating oil**MANUFACTURER**

Royal Purple, Inc.

One Royal Purple Lane

Porter, TX 77365

Product Stewardship: 281-354-8600**DISTRIBUTOR**

Royal Purple Oils Australia Pty Ltd

41/2 Richard Close

North Rocks

Sydney, NSW 2151

(612) 9683 5078 (0417 438279, Cell Phone)

Emergency Contact: Eian Jones**24 HR. EMERGENCY TELEPHONE NUMBERS****USA :** 800-424-9300**International :** 703-527-3887(collect calls accepted)

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS**EYES:** May cause irritation.**SKIN:** May irritate the skin after prolonged periods of contact.**INGESTION:** May cause diarrhea.**INHALATION:** Oil mist may line breathing passages with oil making breathing difficult.

3. COMPOSITION / INFORMATION ON INGREDIENTS

- Base Oil (synthetic) — Synthetic additives with iso-paraffinic diluents.
- The precise composition of this oil is proprietary. A more complete disclosure will be provided to a physician or nurse in the event of a medical emergency.
- All components of this product are listed on the U.S. TSCA inventory.
- This product contains no hazardous substances within the definition of OSHA Regulation 29 CFR 1910.1200.
- Royal Purple certifies that this product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form.

4. FIRST AID MEASURES

EYES: Flush with water until all residual material is gone. If irritation persists, seek medical help.**SKIN:** Wash thoroughly with hand cleanser, followed by soap and water. Contaminated clothing should be dry cleaned before reuse.**INGESTION:** Wash out mouth immediately. Do not induce vomiting. Consult physician.**INHALATION:** Clear air passage. If respiratory difficulty continues, seek medical help.

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD: > 196°C (385°F) COC

AUTOIGNITION TEMPERATURE: > 315°C (600°F)

EXTINGUISHING MEDIA: Foam, dry powder, Halon®, carbon dioxide, sand, earth and water mist.
Unsuitable: Water jet.

OTHER CONSIDERATIONS: Not flammable at ambient temp.

FIRE FIGHTING EQUIPMENT: Self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Contain spill and keep from entering waterways. Absorb on porous material. Large quantities can be pumped.

ENVIRONMENTAL PRECAUTIONS

LAND SPILL: Do not allow it to enter drains.

SPECIAL PROTECTIVE EQUIPMENT: Wear gloves and protective overalls.

7. HANDLING AND STORAGE

HANDLING: No special handling precautions necessary.

STORAGE: Do not store at elevated temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Glasses, if applied to parts in motion.

SKIN: Oil-proof gloves for hypersensitive persons.

RESPIRATORY: Hydrocarbon absorbing respirator if misting.

PROTECTIVE CLOTHING: Overalls.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Lube Oil

COLOR: Purple

pH: Neutral

PERCENT VOLATILE: None

VAPOR PRESSURE: < 0.1 kPa

VAPOR DENSITY: Greater than air

BOILING POINT: > 218°C (420°F)

POUR POINT: < -39°C

FLASH POINT AND METHOD: > 196°C (385°F) COC

SOLUBILITY IN WATER: Emulsifiable

EVAPORATION RATE: Negligible

SPECIFIC GRAVITY: > 0.870

10. STABILITY AND REACTIVITY

STABILITY: Chemically stable under normal conditions. No photoreactive agents.

CONDITIONS TO AVOID: Powerful sources of ignition and extreme temperatures.

HAZARDOUS DECOMPOSITION PRODUCTS: Burning generates smoke, airborne soot, hydrocarbons and oxides of carbon, sulfur and nitrogen. Residue mainly comprised of soot and mineral oxides.

INCOMPATIBLE MATERIALS: Strong inorganic and organic acids, oxidizing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE**ORAL LD₅₀:** > 2000 mg/kg**Notes:** Extrapolated from component data**INHALATION LC₅₀:** NA = Not Applicable**NOTES:** Not known**SKIN EFFECTS:** Very mild**CHRONIC:** None known.**SUBCHRONIC:** Not known**CARCINOGENICITY****IARC:** No**NTP:** No**OSHA:** No**SENSITIZATION:** Not known**12. ECOLOGICAL INFORMATION**

ENVIRONMENTAL DATA: Due to its fluid nature and specific gravity, this product will float or spread across water making it a nuisance contaminant. It is not thought to be toxic to marine or land organisms.

BIOACCUMULATION/ACCUMULATION: Relatively well behaved. Bioaccumulation potential nil.

GENERAL COMMENTS: When released into the environment, adsorption to sediment and soil will be the predominant behavior.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Consider recycling. This product, as sold, does not meet the RCRA characteristics of a hazardous waste. Under RCRA, it is the responsibility of the user, at the time of disposal, to determine whether the product meets the RCRA criteria for hazardous waste. Contact a waste disposal company or local authority for advice.

EMPTY CONTAINER: See waste disposal section listed above.

RCRA HAZARD CLASS: Nonhazardous sources

14. TRANSPORT INFORMATION**DOT (DEPARTMENT OF TRANSPORTATION)****UN/NA NUMBER:** N/A**OTHER SHIPPING INFORMATION:** Nonhazardous**ROAD AND RAIL (ADR/RID):** Bulk Nonhazardous**AIR (ICAO/IATA):** Bulk Nonhazardous**VESSEL (IMO/IMDG):** Bulk Nonhazardous**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** None**313 REPORTABLE INGREDIENTS:** N/A**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA REGULATORY:** Nonhazardous**TSCA (TOXIC SUBSTANCE CONTROL ACT)****TSCA REGULATORY:** All components are listed

CALIFORNIA PROPOSITION 65: N/A

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Not regulated

DOMESTIC SUBSTANCE LIST (INVENTORY): All components are listed

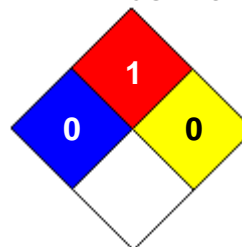
16. OTHER INFORMATION

REVISION SUMMARY: New MSDS

HMIS RATING

HEALTH:	0
FLAMMABILITY:	1
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	B

NFPA CODES



MANUFACTURER DISCLAIMER: As of issue date, the information contained herein is accurate and reliable to the best of Royal Purple's knowledge. Royal Purple does not warrant or guarantee its accuracy or reliability and shall not be liable for any loss or damage arising out of the use thereof. It is the user's responsibility to satisfy itself that the information offered for its consideration is suitable for its particular use.