



Royal Purple, Inc.

Material Safety Data Sheet

I. Product Name: Royal Purple® HPS Motor Oil

Date Issued/Revised: December 01, 2014

Chemical Family: Synthetic based lubricating oil

Use: Lubricant and corrosion inhibitor

Manufacturer: Royal Purple, LLC

Address: 1 Royal Purple Lane, Porter, Texas 77365 USA

Phone: 281-354-8600 Emergency Phone: 281-354-8600 Fax: 281-354-7600

24 Hour Emergency Numbers USA:800-424-9300 International: 703-527-3887 (collect calls accepted)

II. Components:

- 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.

III. Main Hazards / Health Effects:

Eyes: May cause irritation.

Inhalation: Oil mist may line breathing passages with oil making breathing difficult.

Ingestion: May cause diarrhea.

Skin: May irritate the skin after prolonged periods of contact.

IV. First Aid:

Eyes: Flush with water until all residual material is gone. If irritation persists, seek medical help.

Inhalation: Clear air passage. If respiratory difficulty continues, seek medical help.

Ingestion: Wash out mouth immediately. Do not induce vomiting. Consult physician.

Skin: Wash thoroughly with hand cleanser, followed by soap and water. Contaminated clothing should be dry cleaned before reuse.

V. Extinguishing Media:

Suitable: Foam, dry powder, Halon®, carbon dioxide, sand, earth and water mist.

Unsuitable: Water jet.

Protective Equipment for Fire Fighting: Self-contained breathing apparatus.

VI. Accidental Release Measures:

Personal Precautions: Wear gloves and protective overalls.

Environmental Precautions: Do not allow it to enter drains.

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

VII. Handling and Storage:

Handling: No special handling precautions necessary.

Storage: Do not store at elevated temperatures.

VIII. Exposure Control / Personal Protection:

Respiratory Protection: Hydrocarbon absorbing respirator if misting.

Hand Protection: Oil-proof gloves for hypersensitive persons.

Eye Protection: Glasses, if applied to parts in motion.

Body Protection: Overalls.

IX. Physical and Chemical Properties:

Physical State: Liquid

Evaporation Rate (Butyl Acetate = 1): Negligible

Color: Purple

Vapor Pressure (kPa): <0.1

Odor: Lube Oil

Percent Volatiles: None

pH: Neutral

Density (g/cm³): > 0.87

Boiling Range / Point °F (°C): >420 (>218)

Flammability: Not flammable at ambient temp.

Pour Point °F (°C): <-38 (<-39)

OAR Value: UN

Flash Point (COC) °F (°C): >385 (>196)

Oxidizing Properties: None

Autoignition Temperature °F (°C): >600 (>315)

Water Solubility: Emulsifiable

Vapor Density: Greater than air

Product Name: Royal Purple® HPS Motor Oil

X. Stability and Reactivity:

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

Conditions to Avoid: Powerful sources of ignition and extreme temperatures.

Materials to Avoid: Strong inorganic and organic acids, oxidizing agents.

Hazardous Decomposition Products: Burning generates smoke, airborne soot, hydrocarbons and oxides of carbon, sulfur and nitrogen. Residue mainly comprised of soot and mineral oxides.

XI. Toxicological Information:

Acute Toxicity: Not known

California Prop 65: N/A

Irritancy-Skin: Very mild

Carcinogen: NTP: No

Skin Sensitization: Not known

IARC: No

Subacute / Sub-chronic Toxicity: Not known

OSHA: No

Genotoxicity: None known

EC Classification (67 / 548 / EEC): No

Chronic Toxicity: None known

LC-50: >2000mg/l - extrapolated from component data

LD-50: Not applicable

XII. Ecological Information:

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

Behavior: Relatively well behaved. Bioaccumulation potential nil.

Environmental Fate: 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.

XIII. Waste and Container Disposal:

Waste Disposal: 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.

Container Disposal: See waste disposal section listed above.

XIV. Transport Information:

DOT: Nonhazardous

Air Transport (ICAO, IATA): Bulk Nonhazardous

UN No.: N/A

Sea Transport (IMO, IMDG): Bulk Nonhazardous

DOT: Nonhazardous

Road and Rail Transport (ADR / RID): Bulk Nonhazardous

XV. Regulatory Information:

Labeling Information: None needed

CERCLA: Nonhazardous

EC Annex 1 Class.: N/A

TSCA: All components are listed

R Phrases: N/A

WHMIS (Canada): Not regulated

SARA 311 / 312: None

Canadian DSL: All components are listed

S Phrases: S-3 keep cool, S-16 keep away from ignition sources

40 CFR Part 372 (SARA Section 313): N/A

Ozone Depleting Chemicals: N/A

RCRA Hazard Class: Nonhazardous

TSCA 12B Components: None

XVI. Other Information:

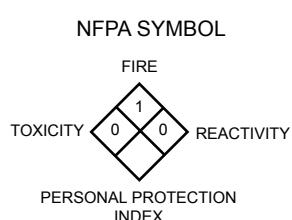
Signature: 

Prepared By: W.J. Carter, Ph.D.

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LEGEND	
I.	Identification of the Substance / Preparation and Company
II.	Composition Information on Ingredients
III.	Hazards Identification
IV.	First Aid Measures
V.	Fire Fighting Measures
VI.	Accidental Release Measures
VII.	Handling and Storage
VIII.	Exposure Control / Personal Protection
IX.	Physical and Chemical Properties
X.	Stability and Reactivity
XI.	Toxicological Information
XII.	Ecological Information
XIII.	Waste Disposal
XIV.	Transport Information
XV.	Regulatory Information
XVI.	Other Information



HEALTH	0
FLAMMABILITY	1
REACTIVITY	0
PPI	B