



Royal Purple, Inc.

Material Safety Data Sheet

Date Issued/Revised: December 16, 2010

- I. Product Name: Synfilm® 32**
Chemical Family: Synthetic based lubricating oil
Use: Lubricant and corrosion inhibitor
Manufacturer: Royal Purple, Inc.
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)
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- 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.
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- 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.
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- 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.
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- 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.
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- 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.
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- VII. Handling and Storage:**
Handling: No special handling precautions necessary.
Storage: Do not store at elevated temperatures.
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- 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.
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- IX. Physical and Chemical Properties:**
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| Physical State: Liquid | Evaporation Rate (Butyl Acetate): Negligible |
| Color: Purple | Vapor Pressure (kPa): <0.1 |
| Odor: Lube Oil | Percent Volatiles: None |
| pH: Neutral | Density (g/cm ³): >0.85 |
| Boiling Range / Point °F (°C): 650-800 (343-427) | Flammability: Not flammable at ambient temp. |
| Pour Point °F (°C): -71 (-57) | OAR Value: UN |
| Flash Point (COC) °F (°C): 430 (221) | Oxidizing Properties: None |
| Autoignition Temperature °F (°C): >600 (>315) | Water Solubility: Insoluble |
| | Vapor Density: Greater than air |

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	LD-50: >2000mg/kg - extrapolated from component data
	LC-50: Not applicable

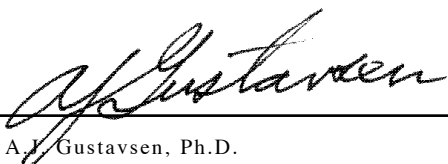
XII. Ecological Information:
Possible Effects: When released into the environment, adsorption to sediment and soil will be the predominant behavior.
Behavior: Relatively well behaved. Bioaccumulation potential nil.
Environmental Fate: Due to its fluid nature and specific gravity, this product will float 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:

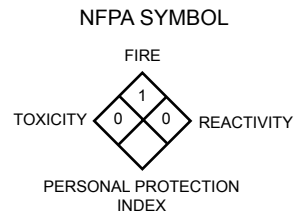
Signature: 

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LEGEND	
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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
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XII.	Ecological Information
XIII.	Waste Disposal
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XVI.	Other Information



HMIS SYMBOL

HEALTH	0
FLAMMABILITY	1
REACTIVITY	0
PPI	B