



Royal Purple, Ltd.

Material Safety Data Sheet

I.	Product Name: Paper Machine Grease Chemical Family: Synthetic based lubricating grease Use: Equipment lubrication Manufacturer: Royal Purple, Ltd. Address: 1 Royal Purple Lane, Porter, Texas 77365 USA Phone: 281-354-8600 Emergency Phone: 281-354-8600 Fax: 281-354-7600		Date Issued/Revised: May 21, 2002
II.	Components: • Base Oil (synthetic) — Synthetic additives with iso-paraffinic diluents and aluminum complex thickener. • 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: Viscous nature may block breathing passages if inhaled. 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: 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: Avoid disposal into drains. Spillage: Scrape up bulk, wipe up remainder with cloth and pick up remaining residue with diatomaceous earth.		
VII.	Handling and Storage: Handling: No special handling precautions necessary. Storage: Do not store at elevated temperatures.		
VIII.	Exposure Control / Personal Protection: Respiratory Protection: None needed. Hand Protection: Protective gloves for hypersensitive persons. Eye Protection: Glasses, if applied to parts in motion. Body Protection: Overalls.		
IX.	Physical and Chemical Properties: Physical State: Semi-solid (paste) Color: Translucent purple Odor: Sweet pH: Neutral Boiling Range / Point °F (°C): <600 (<316) Pour Point °F (°C): 500 (260) Flash Point (COC) °F (°C): >430 (>221) Autoignition Temperature °F (°C): >500 (>260) Explosive Properties LEL: 0.9 percent UEL: 7 percent	Evaporation Rate (Butyl Acetate): <0.01 Partition Coefficient (Loq Pow): N/A Vapor Pressure (kPa): <0.01 Percent Volatiles: None Density (g/cm³): 0.91 Flammability: Not flammable at ambient temp. OAR Value: N/A (no volatiles) Oxidizing Properties: None Water Soluability: Insoluable Vapor Density: >5	

Product Name: **Paper Machine Grease**

- 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.
Residue mainly comprised of soot and mineral oxides.
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- XI. Toxicological Information:**
Acute Toxicity: Not known
Irritancy-Skin: Very mild
Skin Sensitization: Not known
Subacute / Sub-chronic Toxicity: Not known
Genotoxicity: None known
Chronic Toxicity: None known
- California Prop 65:** None
Carcinogen: NTP: No
IARC: No
OSHA: No
EC Classification (67 / 548 / EEC): No
LC-50: >4000mg/kg - extrapolated from component data
LD-50: N/A
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- XII. Ecological Information:**
Possible Effects: None
Behavior: Relatively well behaved. Bioaccumulation potential nil.
Environmental Fate: Highly unlikely to cause contamination. Nontoxic to marine or land organisms.
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- XIII. Waste and Container Disposal:**
Waste Disposal: Contact a waste disposal company or local authority for advice.
Container Disposal: Pails without liner see "Waste Disposal" above. Pails with a plastic liner can only be disposed via standard waste disposal services, recycled or reused.
Liner: See "Waste Disposal" above.
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- XIV. Transport Information:**
DOT: Nonhazardous
UN No.: N/A
DOT: Nonhazardous
- Air Transport (ICAO, IATA):** N/A
Sea Transport (IMO, IMDG): N/A
Road and Rail Transport (ADR / RID): N/A
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- XV. Regulatory Information:**
Labeling Information: None needed
EC Annex 1 Class.: N/A
R Phrases: R22 harmful if swallowed (could block passages)
SARA 311 / 312: None
S Phrases: None applicable, as known.
Ozone Depleting Chemicals: N/A
- CERCLA:** Nonhazardous
TSCA: All components are listed
WHMIS (Canada): Not regulated
Canadian DSL: All components are listed
40 CFR Part 372 (SARA Section 313): N/A
RCRA Hazard Class: Nonhazardous
TSCA 12B Components: None
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- XVI. Other Information:**

Signature: _____

Prepared By: A. J. Gustavsen, Ph.D.

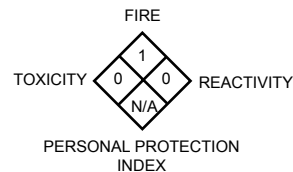
Date Issued/Revised: May 21, 2002

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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

NFPA SYMBOL



HMIS SYMBOL

HEALTH	0
FLAMMABILITY	1
REACTIVITY	0
PPI	N/A