



Royal Purple, Ltd.

Material Safety Data Sheet

I.	Product Name: Thread-Glyde FDA™ Chemical Family: Synthetic and white mineral oil Use: Food machinery anti-seize for use in food contact applications 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: September 12, 2002
II.	<u>Hazardous Components:</u>	<u>CAS Number:</u>	<u>Wt. Percentage:</u>	<u>OSHA PEL:</u>	<u>ACGIH TLV:</u>	<u>Other Limits of Exposure</u>
	Nonhazardous Blend	82980549/8042475 9003296/9002840 68411461/122394 14807966/471341 1314132	100	UN	UN	UN
III.	Main Hazards / Health Effects: Eyes: May cause irritation. Inhalation: Viscous nature may block breathing passages if inhaled. Ingestion: May cause diarrhea. Skin: For hypersensitive persons, 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. 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: Scrape up bulk, then wipe up remainder with cloth.					
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: 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: Semisolid paste Color: Opaque, white/off-white Odor: Mild pH: Neutral Boiling Range / Point °F (°C): <600 (<316) Pour Point °F (°C): 525 (274) Flash Point (COC) °F (°C): >400 (>204) Autoignition Temperature °F(°C): >500 (>260)			Evaporation Rate (Butyl Acetate): <0.01 Vapor Pressure (kPa): <0.01 Percent Volatiles: None Density (g/cm³): 1.17 Flammability: Not flammable at ambient temp. OAR Value: N/A Oxidizing Properties: None Water Soluability: Insoluable Vapor Density: >5		

- 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
Irritancy-Skin: Very mild
Skin Sensitization: Not known
Subacute / Sub-chronic Toxicity: Not known
Genotoxicity: None known
Chronic Toxicity: None known
- California Prop 65:** N/A
Carcinogen: NTP: No
IARC: No
OSHA: No
EC Classification (67 / 548 / EEC): No
LC-50: >4000mg/kg - extrapolated from component data
LD-50: Not applicable
-
- 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.
-
- XIII. Waste and Container Disposal:**
Waste Disposal: Do not incinerate. Contact a waste disposal company or local authority for advice.
Container Disposal: See waste disposal section above.
-
- XIV. Transport Information:**
Not classified as hazardous for transport
DOT: Nonhazardous
UN No.: N/A
- Air Transport (ICAO, IATA):** N/A
Sea Transport (IMO, IMDG): N/A
Road and Rail Transport (ADR / RID): N/A
-
- XV. Regulatory Information:**
Labeling Information: None needed
EC Annex 1 Class.: N/A
R Phrases: R22 - Harmful if swallowed
SARA 311 / 312: Zinc Oxide
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
-
- XVI. Other Information:**
-

Signature: _____

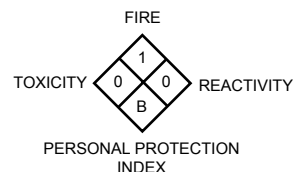
Prepared By: A.J. Gustavsen, Ph.D.

Date Issued/Revised: September 12, 2002

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.

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	B