

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION

NFPA Rating: Health-1; Flammability-1; Reactivity-0; Special- -		HMS Rating: Health-1; Flammability-1; Reactivity-0; Personal Protection-B	
Manufacturer's Name: RICMAR INDUSTRIES Address: 2525 AMERICAN LANE ELK GROVE VILLAGE IL 60007		DOT Hazard Classification: Non-Hazardous Identity (trade name as used on label): RG-99	
Date Prepared: 09-05-97 Prepared By: ES/DL/IB		MSDS Number: RL 726 Revision: - F	
Information Calls: 800-323-0779 Emergency Response Number: 800-535-5053		NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA	

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
PETROLEUM OIL MIXTURE	8002-05-9	No	5mg/M3 TWA for oil mist	5mg/M3 TWA for oil mist	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A	Specific Gravity (H2O=1): 0.8
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A	Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): <0.01
Vapor Density (Air = 1): 12	Evaporation Rate (= 1): N/A
Solubility in Water: Negligible	Water Reactive: No
Appearance and Odor: Red gel with oil odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME	Auto Ignition Temperature	Flammability Limits in Air by % in Volume:	
PROJECTION TEST (aerosols) N/A	N/A	% LEL: N/D	% UEL: N/D
FLASH POINT AND METHOD USED (non-aerosols): >400°F COC		EXTINGUISHER MEDIA: Dry chemical (preferred), carbon dioxide, foam, water.	
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.			
Unusual Fire & Explosion Hazards: Empty containers may retain product residue including flammable or explosive vapors. Do not cut, drill, grind or weld on or near full, part full or empty drum.			

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY [X] STABLE [] UNSTABLE	HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR
Incompatibility (Mat. to avoid): Chlorine or oxygen.	Conditions to Avoid: Oxidizing atmospheres.
Hazardous Decomposition Products: Thermal: unidentified organics. Oxidation: oxides of carbon.	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: [] INHALATION [] INGESTION [X] SKIN ABSORPTION [] EYE [] NOT HAZARDOUS	
ACUTE EFFECTS:	
Inhalation: Not expected to be a problem. Massive exposure to vapors or fumes may cause headaches, dizziness, and/or drowsiness.	
Eye Contact: May cause irritation.	Skin Contact: May cause irritation.
Ingestion: May cause vomiting, nausea, diarrhea.	
CHRONIC EFFECTS: None noted.	
Medical Conditions Generally Aggravated by Exposure: Dermatitis.	

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Wash with large amounts of water. If irritation persists, call a physician.
Skin Contact: Remove contaminated clothing. Wash with soap and water.
Inhalation: Remove to fresh air.
Ingestion: DO NOT INDUCE VOMITING. Give 3-4 glasses of water. Seek medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): None required.	Eye Protection: Splash goggles or safety glasses.
Protective Gloves: Oil resistant types.	Ventilation Requirements: None required in excess to normal ventilation.
Other Protective Clothing & Equipment: Oil resistant apron.	
Hygienic Work Practices: Do not work in oil soaked clothing. Wash after handling.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken if Material Is Spilled Or Released: Stop flow, dike spill, eliminate all ignition sources, absorb on inert material and scrape up.
Waste Disposal Methods: Dispose of in accordance with local, state and federal regulations.
Precautions To Be Taken In Handling & Storage: Avoid prolonged exposure to mist and vapors. Avoid flames, sparks and hot surfaces. Keep containers closed. Shelf life one year.
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Empty containers may contain explosive gas.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only