

MATERIAL SAFETY DATA SHEET

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

IDENTITY AND DISTRIBUTOR'S INFORMATION					
NFPA Rating: Health-1; Flammability-0; Reactivity-0; Special- - Manufactured For: K-CHEM, INC. Address: P. O. Box 530632 Address: Birmingham, AL 35253			HMIS Rating: Health-1; Flammability-0; Reactivity-0; Personal Protection-B DOT Hazard Classification: Non-Hazardous Identity (trade name as used on label): <div style="text-align: center;">RUST GUARD</div>		
Phone: (205) 592-0844			MSDS Number: ID78D5 Revision - 6		
Emergency Response Number: 1(800) 255-3924			Date Prepared: 08/04/94 Prepared By: ES		
NOTICE: JUDGMENT 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 **
DIETHYLENE GLYCOL MONO METHYL ETHER	111-77-3	Yes	N/E	N/E	d
TANNIC ACID	1401-55-4	No	N/E	N/E	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS					
Boiling Point: 100°C			Specific Gravity (H2O=1): 1.36		
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/D		
Vapor Density (Air = 1): N/D			Evaporation Rate (water = 1): 1		
Solubility in Water: Dispersible			Water Reactive: No		
Appearance and Odor: Off-white, opaque, slightly viscous liquid with bland odor.					
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA					
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A		Auto Ignition Temperature N/A		Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A	
SPECIAL FIRE FIGHTING PROCEDURES: Water may be used to cool closed containers to prevent pressure buildup. Self-contained breathing apparatus with full face-piece & protective clothing should be used if involved in a fire with other materials.			FLASH POINT AND METHOD USED (non-aerosols): None-combustible, water based product.		
Unusual Fire & Explosion Hazards: This material will not support combustion unless the water has evaporated.			EXTINGUISHER MEDIA: Non-combustible. Use media appropriate for surrounding fire.		
SECTION 4 - REACTIVITY HAZARD DATA					
STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE			HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR		
Incompatibility (Mat. to avoid): Materials reactive to water or acids, such as alkaline materials or active metals.			Conditions to Avoid: None known.		
Hazardous Decomposition Products: Oxides of carbon, chlorine, hydrogen chloride, possible trace amounts of carbonyl chloride, unidentified organic compounds.					
SECTION 5 - HEALTH HAZARD DATA					
PRIMARY ROUTES OF ENTRY: <input type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS					
ACUTE EFFECTS					
Inhalation: Spray or mist can irritate respiratory passages.			Skin Contact: Short contact will probably not cause irritation, but prolonged or repeated contact may.		
Eye Contact: Irritating.			Ingestion: May cause distress, but probably not toxic.		
CHRONIC EFFECTS: None known.					
Medical Conditions Generally Aggravated by Exposure: None known.					
EMERGENCY FIRST AID PROCEDURES					
Eye Contact: Flush with water for 15 minutes. If irritation persists, get medical attention.					
Skin Contact: Wash with soap and water. If irritation persists, get medical attention.					
Inhalation: Remove to fresh air.					
Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.					
SECTION 6 - CONTROL AND PROTECTIVE MEASURES					
Respiratory Protection (specify type): None required under normal conditions of product storage and use.					
Protective Gloves: Plastic or rubber, if desired.			Eye Protection: Safety glasses or chemical goggles.		
Ventilation Requirements: No special ventilation is required under normal conditions of storage and use.					
Other Protective Clothing & Equipment: Clothing as required to minimize skin contact. Eyewash station and safety shower.					
Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands after handling.					
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE					
Steps To Be Taken If Material Is Spilled Or Released: Wear skin & eye protection during cleanup. Soak up liquid with absorbent & shovel into waste container. Cover & label container & remove from work area. Wash residue from spill area with water & flush to sewer serviced by a waste water treatment facility.					
Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations. Because its pH is 1-2, discarded material is a hazardous waste.					
Precautions To Be Taken In Handling & Storage: Store in original shipping containers. Keep closed when not in use. Shelf life 1 year. Protect from extreme heat and cold. Product may separate on standing-shake or stir before using. Do not get into the eyes.					
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read & follow label directions. Do not take internally. Do not get in eyes.					

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