

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

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SECTION I - Product Identification

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Information No.: (216) 228-2403  
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PRODUCT NAME: Kirby Guard #251

SECTION II - Hazardous Ingredients/Identity

<u>Hazardous Components (Specific Chem. Ident.)</u>	<u>CAS No.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER</u>
<u>LT</u> Partially Fluorinated Urethane Co-polymers N/E	Proprietary	N/E	N/E	

Other components: Water, non-ionic and cationic surfactants, acrylic copolymer, chelant, preservative

SECTION III - Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (H <sub>2</sub> O=1)	1.00
Vapor Pressure (mm Hg)	Unknown	Melting Point	32°F
Vapor Density (AIR=1)	Heavier than air	Evaporation Rate	<1 (Butyl Acetate=1)
Solubility in Water	Complete	Appearance and Odor	White opaque liquid, slight acrylic scent

SECTION IV - Fire and Explosion Hazard Data

Flash Pt.(Method Used):	None	Flammable Limits:	N/A	LEL:	N/A	UEL:
N/A						
Extinguishing Media:	NA	Fire Fighting Procedure:	None			
Odd Fire & Explosion Hazards:	None					

SECTION V - Reactivity Data

Stability:	Stable under normal conditions
Conditions to Avoid:	Avoid temperatures above 140°F
Materials to Avoid:	Do not mix with other chemicals or household cleaners. Follow directions.
Hazardous Decomposition or Byproducts:	Carbon dioxide, carbon monoxide, hydrogen fluoride
Hazardous Polymerization:	Will not occur

SECTION VI - Health Hazard Data

Route of Entry	Inhalation? Yes	Skin?	No
Health Hazards (acute & chronic)	INGESTION-	May cause nausea and diarrhea	
	INHALATION-	May cause irritation of the upper respiratory passage with coughing and discomfort	
Carcinogenicity:	NTP?: Not listed	IARC Monographs?: Not listed	OSHA Regulated: Not listed
Medical Conditions Aggravated by Exposure:	Unknown		

Emergency & First Aid Procedures:

KIRBY GUARD

INGESTION- Drink large quantities of water. Do not induce vomiting. Consult a physician immediately.

INHALATION- Remove person to fresh air. If breathing has stopped, give artificial respiration. Consult a physician

EYE CONTACT- Flush with water for 15 minutes. Consult a physician if redness or irritation persists

SKIN CONTACT- Rinse affected area with plenty of water. Remove soaked clothing and wash before reuse.

SECTION VII - Precautions for Safe Handling and Use

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Steps to Be Taken in Case of Release or Spill: Recover liquid with adsorbents (sand, earth, clay, sawdust). Mop up or wet vac. Rinse well to remove all traces of product.

Waste Disposal Method: Small amounts may be disposed of down drain or sanitary landfill. Larger amounts must be disposed of in accordance with regulations.

Precautions to Be Taken in Handling and Storing: Do not allow to freeze. Do not store near heat.

Other Precautions: If frozen, allow thawing to room temperature. Mix before using.

SECTION VIII - Control Measures

Respiratory Protection: Wear NIOSH approved respiratory protection, as appropriate

Ventilation: Local exhaust is normally adequate

Protective Gloves: None

Eye Protection: Wear safety glasses

Other Protective Clothing or Equipment: None

Work/Hygienic Practices: Follow good manufacturing and housekeeping practices.

SECTION IX - Special Precautions - Do not aerosolize.

SECTION X - Department of Transportation

Shipping Hazard Classification: None

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