

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.

SECTION I - Product Identification

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PRODUCT NAME: Kirby Scuttle Glass Cleaner #230

SECTION II - Hazardous Ingredients/Identity

Hazardous Components (Specific Chem. Ident.)

<u>Hazardous Components (Specific Chem. Ident.)</u>	<u>CAS No.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LT</u>
Ethylene Glycol Monobutyl Ether	111-76-2	25 ppm	25 ppm	Unknown
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm	Unknown

Other components: Water, ammonia, colorant

SECTION III - Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (H ₂ O=1)	0.990
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	Clear blue liquid. Glycol ether and ammonia 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:	Unknown
Hazardous Polymerization:	Will not Occur

SECTION VI - Health Hazard Data

Route of Entry	Inhalation? X	Skin?	N/A		
Health Hazards (acute & chronic)	INGESTION-	May cause nausea and diarrhea			
	INHALATION-	May cause dizziness or headaches			
Carcinogenicity:	NTP?: Not listed	IARC Monographs?:	Not listed	OSHA Regulated:	Not listed
Medical Conditions Aggravated by Exposure:	Unknown				

Emergency & First Aid Procedures:

INGESTION- Drink large quantities of water. Consult a physician immediately.
INHALATION- remove person to fresh air. If breathing has stopped, apply 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

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 to thaw to room temperature. Mix before using.

SECTION VIII - Control Measures

Respiratory Protection:	Not normally necessary
Ventilation:	Local exhaust is normally adequate
Protective Gloves:	None
Eye Protection:	None
Other Protective Clothing or Equipment:	None
Work/Hygienic Practices:	Follow good manufacturing and housekeeping practices.

SECTION IX - Special Precautions -

None

SECTION X - Department of Transportation

Shipping Hazard Classification: None

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