

MATERIAL SAFETY DATA SHEET

Revision Date: 10-01-00

MSDS No. F1850

Emergency Phones: 815-434-5010 (ZB SUPPLY COMPANY)

800-535-5053 (INFOTRAC)

PLEASE NOTE: This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this material. Please read the information on these sheets, and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL and STATE RIGHT-TO-KNOW regulations. Also make this information available to any employee who requests it. It is your obligation to comply with these regulations.

SECTION I - PRODUCT IDENTITY

PRODUCT NAME: **ZB Supply Blue Glass Cleaner**

Formula: Mixture, additives and alcohol in water.

Chemical Type: As above

HMIS RATINGS

Health = 1 (Slight)	Flammability = 2 (Moderate)
Reactivity = 0 (Minimal)	Protection = B (Goggles & Gloves)

SECTION II - HAZARDOUS INGREDIENTS

	PERCENT	TLV	CARCINOGEN (OSHA,TP,IARC)
Isopropanol CAS No. 67-63-0	<5%	400 ppm	no

SECTION III - CHEMICAL AND PHYSICAL

Appearance: Clear blue liquid	Boiling Point: <212° F.
Odor: Lilac scent	Melting Point: N/A
pH: 7.0 - 8.0	Spec. Gravity (H ₂ O = 1): 0.99
Water Solubility: Complete	Vapor Pressure (mm Hg): N/A
Viscosity, Cp @ 25°C: A-5 (Gardner)	VOC Content: 4%

SECTION IV - FIRE AND EXPLOSION HAZARDS

Flash Point (Method): 107° F. Cl.Cp.	Explosion Limits:	Upper: N/A
		Lower: N/A

Extinguishing Media: Water fog, foam, alcohol foam, carbon dioxide, dry chemical
 Special Firefighting Procedures and Hazards: Treat as a combustible liquid. **NOTE:** This product is Combustible under OSHA criteria, but is not regulated by DOT since it contains less than 24% alcohol and over 50% water, and the other ingredients do not constitute a DOT hazard: see (CFR173.115(b)(2)(i) and (ii).

SECTION V - REACTIVITY INFORMATION

Stable: <input checked="" type="checkbox"/>	Unstable: <input type="checkbox"/>
Precautions: Incompatibility: None known	
Hazardous Decomposition Products: If in a fire: carbon oxides, hydrocarbons.	
Hazardous Polymerization: Occurs: <input type="checkbox"/>	Does Not Occur: <input checked="" type="checkbox"/>

SECTION VI - HEALTH HAZARDS - PROTECTIVE MEASURES - FIRST AID

- Inhalation:** Breathing of vapors may cause dizziness and shortness of breath. Wear approved vapor respirator if needed. Remove to fresh air.
- Skin:** Extended contact may cause irritation or defatting. Wear protective gloves if necessary. Flush skin with water for 15 minutes. Get medical attention for any irritation if needed.
- Eyes:** Can cause irritation. Wear goggles as needed. Flush immediately with water for 15 minutes. Get prompt medical attention if needed.
- Ingestion:** May cause a mild gastric disturbance. Drink lots of water. Do not induce vomiting. Get medical attention if effects persist.

Most likely routes of entry: Skin, Eyes.

Other Important Medical or Precautionary Information: None

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Spills and Leaks: Small spills can be flushed into normal drainage or into ground with copious amounts of water, or taken up with absorbent material. Larger spills should be contained by diking or other methods and held for disposal or reuse. Remove all sources of ignition. Provide strong ventilation.

Storage and Handling: Check daily for any leaks from containers, vessels, pumps, and piping. Keep away from sources of ignition. Keep at temperatures below 95oF.

Waste Disposal: Collect in closed containers and send to a licensed treatment or disposal facility.

Empty Containers: Rinse well before handling and disposal. Observe label precautions. Do not cut, weld or burn.

Other Precautions: None

SECTION VIII - REGULATORY INFORMATION

Reportable for SARA Title III, S.313 (Form R): none

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