

# MATERIAL SAFETY DATA SHEET (MSDS)

**COLOR GUARD I**

## SECTION I

EMERGENCY TELEPHONE #

Trade Name: COLOR GUARD I 1-800 424-9300  
Chemical Name: NA  
Manufacturer's Name and phone #: Frigid Fluid Company 1-708 836-1215  
Address: 11631 W. Grand Ave. Chicago, IL 60164

## SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	% by Wt.	Exposure Limits (PPM)			
			OSHA		ACGIH	
			TWA	STEL	TWA	STEL
Glycerine	56-81-5	10-15	15(mist)	NA	10(mist)	NA
Propylene Glycol	57-55-6	10-15	NE	NE	NE	NE

## SECTION III - HAZARDS IDENTIFICATION

**Emergency Overview:** May irritate eyes.

### Potential Health Effects:

- Inhalation:** No adverse effects expected at normal temperatures.
- Eye Contact:** May cause moderate to severe irritation.
- Skin Contact:** May cause mild irritation.
- Ingestion:** May cause stomach upset.
- Chronic:** Does not contain any NTP, IARC, or OSHA listed carcinogens.

## SECTION IV - FIRST AID MEASURES

- Inhalation:** Remove to fresh air. If breathing has stopped, give artificial respiration and call a physician.
- Eye Contact:** Flush with water for 15 minutes. Call a physician immediately.
- Skin Contact:** Wash with soap and water after removing contaminated clothing.
- Ingestion:** Call a physician IMMEDIATELY! Do not induce vomiting unless so instructed by the physician.

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**SECTION V - FIRE FIGHTING MEASURES**  
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**Flammable Properties:**

Flash Point: none  
Flammable Limits: NA  
Autoignition Temp: NA  
Method: NA

**Hazardous Combustion Products:** CO, CO<sub>2</sub>, HCl

**Extinguishing Media:** Dry chemical, foam, CO<sub>2</sub> or water fog.

**Fire Fighting Instructions:** Wear self-contained breathing apparatus and full protective equipment for all indoor and significant outdoor fires.

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**SECTION VI - ACCIDENTAL RELEASE MEASURES**  
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**Small Spill:** Wash into sewer or absorb with dustless-type hardening compound, cloth, paper, etc. and place in a covered container for disposal in accordance with all federal, state and local laws.

**Large Spill:** Use same procedure as above and save for disposal.

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**SECTION VII - HANDLING AND STORAGE**  
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**Handling:** Keep containers closed. Rinse empty containers three times with water, adding rinsings to arterial fluid dilution water. Wash thoroughly after handling.

**Storage:** Store in cool, well-ventilated areas between 50 and 90°F.

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**SECTION VIII - EXPOSURE CONTROL/PERSONAL PROTECTION**  
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**Engineering Controls:** Not normally required.

**Respiratory Protection:** Not required.

**Skin Protection:** Use latex gloves.

**Eye Protection:** Use chemical splash goggles.

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**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**  
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<b>Boiling Range:</b>	>212°F	<b>Solubility in water:</b>	100%
<b>Vapor Pressure:</b>	NE	<b>Specific Gravity:</b>	1.08
<b>Melting Point:</b>	NA	<b>% Volatile by volume:</b>	50
<b>Vapor Density:</b>	>1	<b>Appearance:</b>	clear, red liquid, essentially no odor

