

MATERIAL SAFETY DATA SHEET (MSDS)

CELL GUARD DYE

SECTION I

EMERGENCY TELEPHONE #

Trade Name: CELL GUARD DYE 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
Diethylene Glycol	111-46-6	3-7	NE	NE	NE	NE

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview: May be harmful if swallowed.

Potential Health Effects:

Inhalation: No adverse effects expected at normal temperatures.

Eye Contact: May cause slight irritation.

Skin Contact: No adverse effects expected.

Ingestion: May cause some discomfort or pain to the stomach with possible nausea, diarrhea or vomiting.

Chronic: Does not contain any NTP, IARC, or OSHA listed carcinogens. Ingestion of large quantities could kidney damage.

SECTION IV - FIRST AID MEASURES

=====

Inhalation: Not applicable at normal temperatures.

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.

=====

SECTION V - FIRE FIGHTING MEASURES

=====

Flammable Properties:

- Flash Point: NA
- Flammable Limits: NA
- Autoignition Temp: NA
- Method: NA

Hazardous Combustion Products: CO, CO₂.

Extinguishing Media: Dry chemical, foam, CO₂, water spray.

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

=====

SECTION VI - ACCIDENTAL RELEASE MEASURES

=====

Small Spill: Flush to sewer or wipe up and discard with normal trash.

Large Spill: Dike, collect with absorbant and save for incineration as special waste.

=====

SECTION VII - HANDLING AND STORAGE

=====

Handling: Use in a well-ventilated area. Rinse empty containers three times with water, adding rinsings to arterial fluid dilution water.

Storage: Store in cool, well-ventilated areas between 50 and 100°F.

=====

SECTION VIII - EXPOSURE CONTROL/PERSONAL PROTECTION

=====

Engineering Controls: General exhaust recommended.

Respiratory Protection: Not required.

Skin Protection: Use latex gloves.

Eye Protection: Use chemical splash goggles.

=====

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Range:	>200°F	Solubility in water:	100%
Vapor Pressure:	NE	Specific Gravity:	1.01
Melting Point:	NA	% Volatile by volume:	>90
Vapor Density:	<1	Appearance:	orange-red liquid, no odor

SECTION X - STABILITY AND REACTIVITY

Chemical Stability: (conditions to avoid) None

Incompatibility: Strong acids, alkalis, oxidizing agents.

Hazardous Decomposition Products: CO, CO₂

Hazardous Polymerization: Will not occur.

Toxicological Information: No data on product.

Ecological Information: Prevent run-off from reaching natural waterways.

Disposal Considerations: See section VI

Transport Information: Not regulated by DOT

Regulatory Information: EPCRA (SARA Title III), Sec. 313 listed materials: None

Other Information: NE= Not established
NA= Not applicable
NFPA rating: Health 2, Fire 2, Reactivity 0 (4= extreme, 0= insignificant)
(s)= skin absorption contributes significantly to the overall exposure.