



## Material Safety Data Sheet

### 1. IDENTIFICATION

**PRODUCT NAME:** H2-1008-C  
**CHEMICAL NAME:** Specialty Coagulant  
**For emergencies call Chemtrec at 1-800-424-9300**

### 2. HAZARD(S) IDENTIFICATION

**EMERGENCY OVERVIEW:** Product is a Skin and Eye IRRITANT. Repeated exposure to this product will cause irritation

**POTENTIAL HEALTH EFFECTS:**

**EYES:** Can cause eye irritation.

**SKIN:** Can cause skin irritation.

**INGESTION:** Do not ingest product. If ingested or swallowed, do not induce vomiting.

**HMIS CODES:** HEALTH: 1      FIRE: 0      REACTIVITY: 0      PERS. PROT.:

**HMIS RATINGS NOTES:**

This information is for people trained in the National Paint & Coatings Association's (NPCA) Hazardous Materials Identification System (HMIS).

**KEY**

4 = Severe  
3 = Serious  
2 = Moderate  
1 = Slight  
0 = Minimal  
\* = Chronic Hazard

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>CAS #</u>	<u>COMPONENT</u>	<u>PERCENT</u>
42751-79-1	1,2-Ethanediamine, polymer with (chloromethyl)oxirane and N-methyl methanamine	30-60

#### COMPONENT INFORMATION/INFORMATION ON NON-HAZARDOUS COMPONENTS

All components are listed under TSCA in 40 CFR 700. OSHA classifies this product as an eye and skin IRRITANT under 29 CFR 1910.1200, Hazard Communication.

### 4. FIRST-AID MEASURES

**EYES:** Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention.

**SKIN:** Flush thoroughly with soap and water for at least 15 minutes.

**INGESTION:** If ingestion of a large amount does occur, seek medical attention.

**INHALATION:** Not expected to be harmful. Move to fresh air.

### 5. FIRE-FIGHTING MEASURES

#### GENERAL FIRE HAZARDS

Not expected to burn unless heated to dryness. Residue may ignite. Use water, foam, carbon dioxide, dry chemical, Halon 1211 to extinguish.

**Upper Flammable Limit (UFL):** Not determined

**Lower Flammable Limit (LFL):** Not determined

**Method Used:** PMCC

**Flash Point:** >200°F

**Flammability Classification:** Not Applicable

**Auto Ignition:** Not determined

**HAZARDOUS COMBUSTION PRODUCTS:** On thermal decomposition oxides of carbon may be formed.

**EXTINGUISHING MEDIA:** Water solution polymer, extinguishing media not applicable.

**FIRE FIGHTING EQUIPMENT/INSTRUCTIONS:** Firefighters should wear full protective clothing including self contained breathing apparatus.

**NFPA Ratings:**            **Health: 1**                    **Fire: 0**                    **Reactivity: 0 Other: 8**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## 6. ACCIDENTAL RELEASE MEASURES

**CONTAINMENT PROCEDURES:** Absorb spill with inert material. Shovel material into appropriate container for disposal.

**CLEAN-UP PROCEDURES:** After absorbing product, shovel or sweep material into labeled waste drums for proper disposal. Thoroughly flush residuals to drain, as spilled product creates extremely slippery conditions.

**EVACUATION PROCEDURES:** None required. However, keep on-lookers away.

**SPECIAL PROCEDURES:** Remove spills promptly as they may make floors slippery. Several washes and/or the use of detergents may be necessary to completely clean any spill.

## 7. HANDLING AND STORAGE

**HANDLING:** Handle as an irritant. Do not get in eyes. Avoid prolonged/repeated skin contact. Do not inhale vapors/mists. Spilled product creates very slippery condition, especially in contact with water.

**STORAGE:** Prevent product from freezing. Keep container tightly.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**COMPONENT EXPOSURE LIMITS:** No information is available.

**ENGINEERING CONTROLS:** Provide adequate ventilation to minimize worker exposure.

### PERSONAL PROTECTIVE EQUIPMENT

**PERSONAL PROTECTIVE EQUIPMENT: EYES/FACE:** Safety glasses or goggles.

**PERSONAL PROTECTIVE EQUIPMENT: SKIN:** Skin contact should be minimized. Impervious gloves (rubber or neoprene) are recommended.

**PERSONAL PROTECTIVE EQUIPMENT: RESPIRATORY:** Not required under normal operating conditions. If needed, use appropriate NIOSH approved respirator to filter out mists/vapors.

**PERSONAL PROTECTIVE EQUIPMENT: GENERAL:** Minimize exposure in accordance with good hygiene practice. Avoid handling which would create large amounts of mists/vapors.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Light yellow/ clear liquid

**PHYSICAL STATE:** liquid

**VAPOR PRESSURE:** No data

**BOILING POINT/BOILING RANGE:** >212°F

**SOLUBILITY:** soluble in water

**EVAPORATION RATE:** < 1 (n-Butyl Acetate)

**ODOR:** No data

**PH:** 5-7 neat

**VAPOR DENSITY:** No data

**MELTING POINT:** N/A

**SPECIFIC GRAVITY:** 1.1

**FLASH POINT:** (>)200.1 °F/ 93.4 °C

**PHYSICAL PROPERTIES: Additional Information:** Caution. Spilled product creates very slippery conditions.

**10. STABILITY AND REACTIVITY**

**CHEMICAL STABILITY:** Product is stable under usual application conditions.

**CONDITIONS TO AVOID:** None

**INCOMPATIBILITY:** Strong oxidizers, iron, mild steel, copper, copper alloys and aluminum.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None identified.

**HAZARDOUS REACTIONS:** Product will not undergo hazardous polymerization.

**THERMAL DECOMPOSITION:** No data

**11. TOXICOLOGICAL INFORMATION****ACUTE AND CHRONIC TOXICITY****A: General Product Information**

Eye and skin IRRITANT. May aggravate existing medical conditions such as rashes, allergies or other sensitive areas. Symptoms may include reddening, swelling of affected areas with possible itching, burning or other discomfort.

**B: Acute Toxicity-LD50/LC50**

No LD50/LC50's are available for this product's components.

**CARCINOGENICITY****A: General Product Information**

NTP: No

IARC: No

OSHA: No

**B: Component Carcinogenicity**

No information is available.

**12. ECOLOGICAL INFORMATION****ECOTOXICITY:****A: General Product Information**

Not established.

**B: Component Analysis - Ecotoxicity - Aquatic Toxicity**

No information available,

**ENVIRONMENTAL FATE:** The product is rapidly eliminated from the aquatic medium through irreversible adsorption onto suspended matter and dissolved organics.

**13. DISPOSAL CONSIDERATIONS****US EPA WASTE NUMBER AND DESCRIPTIONS**

**MSDS**

**H2-1008-C**

**A: General Product Information:** Incinerate or dispose of unadulterated product as a non-hazardous waste. Solidify and landfill according to local, state and federal regulations.

**B: Component Waste Numbers:** No EPA Waste Numbers are applicable for this product's components.

**DISPOSAL INSTRUCTIONS:** Contain and collect using absorbent material if needed. Flush residuals to drain for normal biological treatment. Place collected material into suitable containers for proper disposal.

**14. TRANSPORT INFORMATION**

THIS PRODUCT IS NOT REGULATED BY DOT OR CANADIAN (TDG) transportation regulation.

**15. REGULATORY INFORMATION**

**US Federal Regulations**

**A: Clean Air Act**

No information is available.

**B: Component Analysis**

No information is available.

**State Regulations**

**Component Analysis - State**

The following statement is made in order to comply with the California Safe Drinking water and Toxic Enforcement Act of 1986: This product contains the following substance(s) known to the State of California to cause reproductive harm:

Component CAS #  
Epichlorohydrin 106-89-8

New Jersey RTK Label information.  
Epichlorohydrin 106-89-8

Pennsylvania RTK Label information  
Epichlorohydrin 106-89-8

**Component Analysis - WHMIS IDL**

No components are listed in the WHMIS IDL.

<b>Component</b>	<b>CAS #</b>	<b>TSCA</b>	<b>CAN</b>	<b>EEC</b>
1,2-Ethanediamine, polymer with (chloromethyl)oxirane and N-methylmethanamine	42751-79-1	Yes	DSL	No

**16. OTHER INFORMATION**

**DISCLAIMER:**

We believe that the information in this MSDS is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily either all-inclusive or fully adequate in every circumstance. Also, these suggestions should not be confused with or followed in violation of applicable laws, regulations, rules or insurance requirements.

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