

# MATERIAL SAFETY DATA SHEET

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## SECTION I: GENERAL INFORMATION

**PRODUCT NAME:** Tramfloc® 908 Metal Precipitant  
**PRODUCT CLASS:** Precipitant  
**PRIMARY CHEMICAL FAMILY:** Metal Sulfide  
**HMIS RATINGS:** Health=1, Flammability=0, Reactivity=0  
HMIS HAZARD INDEX: 0=MINIMAL, 1=SLIGHT, 2=MODERATE, 3=SERIOUS, 4=SEVERE

## SECTION II: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT (CAS #)	% (by weight)	OSHA PEL (PPM)	ACGIH TLV (PPM)	LIMITS (RQ)
Hydro polysulfide, carbonothioylbis-, disodium salt (128578-22-3)	<50	N/D	N/D	N/D
Sodium Hydroxide (1310-73-2)	<15	2 mg/m3	2 mg/m3	

Other ingredients are blended in this formulation. The precise composition is proprietary. Bona fide requests for disclosure to medical personnel must be made in accordance with the procedures in 29 CFR 1910.1200(i)1-13.

## SECTION III: PHYSICAL/CHEMICAL DATA

**BOILING POINT:** >212° F/100° C  
**SPECIFIC GRAVITY:** 1.300 – 1.375  
**EVAPORATION RATE:** Not determined  
**VAPOR DENSITY:** Not determined  
**VAPOR PRESSURE:** Not determined  
**SOLUBILITY IN WATER:** Complete  
**pH of NEAT SOLUTION:** 13.00 – 13.75  
**APPEARANCE/ODOR:** Dark Brown to Black Liquid/Slight Odor

## SECTION IV: FIRE AND EXPLOSION DATA

**FLASH POINT:** N/A  
**EXTINGUISHING MEDIA:** Use dry chemical, foam or carbon dioxide  
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus while extinguishing fire.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** May ignite when in contact with combustible materials. Do not depend on ambient air for air supply during fires. Fire may result into release of toxic gases such as oxides of carbon, nitrogen and sulfur.

## SECTION V: HEALTH HAZARD DATA EFFECTS OF OVEREXPOSURE - EMERGENCY & FIRST AID PROCEDURES

**EYES:** May cause irritation and redness. Flush eyes gently with water for at least 15 minutes while holding eyelids apart. Seek medical attention.  
**SKIN:** May cause irritation. Remove contaminated clothing and shoes and flush affected area with water for at least 15 minutes. Wash with soap and water. If irritation persists seek medical attention. Wash or discard contaminated clothing and shoes.  
**INGESTION:** Immediately rinse mouth with water. Do not induce vomiting. Drink water to dilute. If vomiting occurs, drink more liquids. Seek medical attention.  
**INHALATION:** Mist or spray may cause irritation if inhaled. If respiratory distress occurs, get into fresh air and, if needed, administer oxygen and start CPR. Seek medical attention.  
**CHRONIC EFFECTS AND MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:** Unknown  
**SPECIAL NOTE:** The components in this product are not considered a carcinogen by OSHA, NTP or IARC.

## SECTION VI: REACTIVITY DATA

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** None Known

**INCOMPATIBILITY (MATERIALS TO AVOID):** Lithium, steel, acids

**HAZARDOUS DECOMPOSITION PRODUCTS:** Fumes of SO<sub>x</sub>, H<sub>2</sub>S

## SECTION VII: SPILL, LEAK, AND DISPOSAL PROCEDURES

**SMALL SPILLS:** Soak up spills with absorbent material and scoop into drums.

**LARGE SPILLS:** Soak up spills and scoop into drums.

**WASTE DISPOSAL METHOD:** Non-hazardous waste. Dispose of in accordance with local, state and federal regulations.

## SECTION VIII: PROTECTIVE MEASURES

**EYE PROTECTION:** Wear chemical splash-proof goggles

**PROTECTIVE GLOVES:** Wear alkaline resistant gloves.

**RESPIRATORY PROTECTION:** None normally required.

**VENTILATION:** Always store and use all chemicals in well ventilated areas.

**OTHER PROTECTIVE EQUIPMENT:** Wear protective clothing and boots suitable for protection from alkaline products. Provide eye wash and safety shower stations.

## SECTION IX: SPECIAL PRECAUTIONS

**HANDLING AND STORAGE:** Protect drum from damage, freezing and intense heat.

**OTHER PRECAUTIONS:** Wear protective eye goggles, gloves, boots and clothing.

## SECTION X: REGULATORY INFORMATION

### Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III:

Requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQ) in 40 CFR 355 (SARA 302, 304, 311 and 312) Components present in this product at a level which could require reporting under the statute are: NONE

### Toxic Substances Control Act (TSCA) Status:

All components of this product are on the TSCA inventory

**EPA Priority Pollutants:** NONE

**RCRA Hazard Class:** If discarded - non-hazardous.

## OTHER INFORMATION

**DOT Proper Shipping Name:** Corrosive liquid, basic, inorganic, n.o.s. (contains sodium hydroxide), 8, UN 3266, pg III

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