

**MATERIAL SAFETY DATA SHEET**

MANUFACTURER: Manufactured for  
ROSEMOUNT ANALYTICAL INC.  
ADDRESS: 851 McKinley Avenue  
Colombus, OH 43222

DATE REVISED: 1-27-11  
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(1-800-424-9300 24 Hr. CHEMTREC/ CODE: RANA)

**SECTION 1-Product Identification**

**Product Name: Complexing Reagent, Reagent #1 (Red)**

**Synonyms:**

**Part Number: 180-1010-72**

**SECTION 2-Composition/Information on Ingredients**

| Ingredient(s)             | CAS #     | Percent | Hazardous |
|---------------------------|-----------|---------|-----------|
| Water                     | 7732-18-5 | 90.5    | no        |
| Trisodium citrate         | 68-04-2   | 4.0     | yes       |
| Potassium Sodium Tartrate | 304-59-6  | 4.0     | yes       |
| Sodium Hydroxide          | 1310-73-2 | 1.2     | yes       |
| Di-sodium EDTA            | 6381-92-6 | 0.3     | yes       |

**SECTION 3-Hazards Identification**

Health Rating: 1  
Flammability Rating: 0  
Reactivity Rating: 1

Lab Protective Equip: gloves, safety goggles

**SECTION 4-First Aid Measures**

INHALATION: Remove to fresh air. Seek attention if necessary.  
INGESTION: Do not induce vomiting. Give large volumes of milk or water. Call a physician.  
SKIN CONTACT: Flush well with water.  
EYE CONTACT: Flush well with water for at least 15 minutes. Seek medical attention if irritation persists.

**SECTION 5-Fire Fighting Measures**

**Fire: Not Combustible**  
**Explosion: N/A**  
**Fire Extinguishing Media: Fight Surrounding Fire**  
**Special Information: N/A**

**SECTION 6-Accidental Release Measures**

May cause surfaces to become slippery; ventilate; absorb on inert material. Store in an enclosed container and dispose of according to local, state & federal regulations, or neutralize with dilute acid and dispose of as non-hazardous waste.

**SECTION 7-Handling and Storage**

N/A

## SECTION 8-Exposure Controls/Personal Protection

Airborne Exposure Limits: N/A  
Ventilation System: Normal room ventilation  
Personal Respirators (NIOSH Approved): Not required  
Skin Protection: impervious gloves  
Eye Protection: safety glasses

## SECTION 9-Physical and Chemical Properties

Appearance: Clear, colorless liquid  
Odor: faint ammonia odor  
Solubility: soluble  
Specific Gravity: N/E  
pH: 13.27  
Boiling Point: N/E  
Melting Point: N/E  
Vapor Density (Air=1): N/E  
Vapor Pressure (mm Hg): N/E  
Evaporation Rate (BuAc=1): N/E

## SECTION 10-Stability and Reactivity

Stability: Stable  
Hazardous Decomposition Products: Will not occur  
Hazardous Polymerization: N/E  
Incompatibilities: N/E  
Conditions to Avoid: Strong acids, aluminum, tin, zinc

## SECTION 11-Toxicological Information:

Routes of absorption: Inhalation, ingestion, eyes  
Threshold limit value: N/E  
Signs, symptoms and effects of exposure:  
    Acute: May cause minor irritation to eyes, skin, respiratory tract &  
          gastrointestinal tract.  
    Chronic: N/E

## SECTION 12-Ecological Information

Environmental Fate: N/A  
Environmental Toxicity: N/A

## SECTION 13-Disposal Considerations

Material must be stored and disposed of in accordance with all local, state and federal laws.

## SECTION 14-Transport Information

Reportable Quantity: N/A

UN1824, Sodium Hydroxide Solution, 8, Corrosive, PGIII

## SECTION 15-Regulatory Information

None Reported

**SECTION 16-Other Information**

**N/A**

**NFPA Ratings:** Health:1 Flammability:0 Reactivity:0

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