

**MATERIAL SAFETY DATA SHEET**

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

DATE REVISED: 1-27-11  
PREPARED BY: T. Phillips

TELEPHONE: (614) 224-5345

(1-800-424-9300 24 Hr. CHEMTREC/ CODE: RANA)

**SECTION 1-Product Identification**

**Product Name: Copper Monitor Reagent #2**

**Synonyms:**

**Part Number: 180-1029-46**

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

| Ingredient(s)  | CAS #     | Percent | Hazardous |
|----------------|-----------|---------|-----------|
| Water          | 7732-18-5 | 96      | no        |
| Sodium Citrate | 68-04-2   | 4       | no        |

**SECTION 3-Hazards Identification**

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

Lab Protective Equip: gloves, safety goggles

**SECTION 4-First Aid Measures**

INHALATION: No known effects  
INGESTION: Induce vomiting. Give plenty of water. Seek medical attention  
SKIN CONTACT: Wash with soap and water. Prolonged contact may produce sensitization  
EYE CONTACT: Flush 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**

Stop the leak if possible. Flush area well with water to dilute. Absorb onto an inert material and store it in accordance with applicable regulations.

**SECTION 7-Handling and Storage**

Wash thoroughly after handling.

**SECTION 8-Exposure Controls/Personal Protection**

Airborne Exposure Limits: N/A  
Ventilation System: Normal room ventilation is generally adequate.  
Personal Respirators (NIOSH Approved): N/A  
Skin Protection: Gloves  
Eye Protection: Use safety glasses or goggles.

#### SECTION 9-Physical and Chemical Properties

Appearance: Clear, colorless liquid  
Odor: Odorless  
Solubility: Soluble  
Specific Gravity: 1.01  
pH: N/E  
Boiling Point: Approximately 100-101°C  
Melting Point: N/A  
Vapor Density (Air=1): N/A  
Vapor Pressure (mm Hg): N/E  
Evaporation Rate (BuAc=1): N/E

#### SECTION 10-Stability and Reactivity

Stability: Stable  
Hazardous Decomposition Products: None  
Hazardous Polymerization: Will not occur  
Incompatibilities: None  
Conditions to Avoid: None

#### SECTION 11-Toxicological Information:

Routes of absorption: Inhalation, skin, eyes, ingestion  
Threshold limit value: N/E  
Signs, symptoms and effects of exposure:  
    Acute: N/A  
    Chronic: N/A

Irritation Effects Data: None specified, possible sensitization from prolonged contact with raw material.

#### 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

DOT Non-bulk Shipping Name: Sodium Citrate

#### SECTION 15-Regulatory Information

None Reported

**SECTION 16-Other Information**

N/A

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

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**Prepared by: Rosemount Analytical Inc.**  
Phone Number: (949) 757-8500