

**MATERIAL SAFETY DATA SHEET**

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

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

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

**SECTION 1-Product Identification**

**Product Name:** Reagent #2, color Reagent  
**Synonyms:** Ammonium Heptamolybdate  
**Part Number:** 180-1030-48

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

Ingredient(s)	CAS #	Percent	Hazardous
Water	7732-18-5	97	no
Proprietary Reagent	N/R	N/R	yes

**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: N/A  
INGESTION: Human poisoning never reported  
SKIN CONTACT: Wash thoroughly with water  
EYE CONTACT: Wash thoroughly with water

**SECTION 5-Fire Fighting Measures**

**Fire:** Not Combustible  
**Explosion:** N/A  
**Fire Extinguishing Media:** Fight Surrounding Fire  
**Special Information:** May emit ammonia, nitrous gases and molybdenum trioxide fumes if in powder or crystal form. Not likely in solution.

**SECTION 6-Accidental Release Measures**

Wash area well with water

**SECTION 7-Handling and Storage**

None

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

Airborne Exposure Limits: N/E  
Ventilation System: Not Required  
Personal Respirators (NIOSH Approved): Not Required  
Skin Protection: Rubber Gloves  
Eye Protection: Safety Goggles

**SECTION 9-Physical and Chemical Properties**

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

**SECTION 10-Stability and Reactivity**

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

**SECTION 11-Toxicological Information:**  
None Reported

**SECTION 12-Ecological Information**

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

**SECTION 13-Disposal Considerations**  
None Reported

**SECTION 14-Transport Information**  
N/A

**SECTION 15-Regulatory Information**  
None Reported

**SECTION 16-Other Information**  
N/A

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

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