

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 Copper Monitor Working Standard
Synonyms: Cupric Sulfate (30 ppm or less) in Aqueous Solution
Part Number: 185-3029-41,42

SECTION 2-Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent	Hazardous
Water	7732-18-5	99.74	no
Sulfuric Acid	7764-93-9	0.01	no
Cupric Sulfate	7758-98-7	0.25	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: None
INGESTION: None
SKIN CONTACT: Rinse well
EYE CONTACT: Flush eyes well

SECTION 5-Fire Fighting Measures

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

SECTION 6-Accidental Release Measures

Spilling water on certain surfaces could represent a trip and fall hazard.

SECTION 7-Handling and Storage

N/A

SECTION 8-Exposure Controls/Personal Protection

Airborne Exposure Limits: N/A
Ventilation System: Normal room ventilation is adequate
Personal Respirators (NIOSH Approved): N/A

Skin Protection: N/A
Eye Protection: N/A

SECTION 9-Physical and Chemical Properties

Appearance: Clear, colorless liquid
Odor: Odorless
Solubility: N/A
Specific Gravity: 1.0
pH: 4-7
Boiling Point: Approximately 100°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: All water reactive materials, for example magnesium.
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

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: Copper sulfate solution

SECTION 15-Regulatory Information

US Federal Regulations:

Toxic Substances Control Act (TSCA): None found
OSHA Hazard Communication Standard (29CFR1910.1200) Hazard class -None found
EPA SARA Title III Section 312 (40CFR370) Hazard Class: None
EPA SARA Title III Section 313 (40CFR372) toxic chemicals above "de minimis" level are: None

State Regulations:

Proposition 65 Substances (components) known to the State of

California to cause cancer and/or reproductive toxicity and subject
to warning and discharge requirements under the "Safe Drinking
Water and Toxic Enforcement Act of 1986": None
New Jersey Trade Secret Registry Number(s): None

SECTION 16-Other Information
N/A

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

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