

MATERIAL SAFETY DATA SHEET

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

DATE REVISED: 1-26-11
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(1-800-424-9300 24 Hr. CHEMTREC/ CODE: RANA)

SECTION 1-Product Identification

Product Name: Reagent #1, DPC Reagent, (Red)
Synonyms:
Part Number: 180-1024-38

SECTION 2-Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent	Hazardous
Water	7732-18-5	85.96	no
Isopropyl Alcohol	67-63-0	12.5	no
Sulfuric Acid	7764-93-9	1.5	no
1,5-Diphenylcarbazine	140-22-7	0.04	no

SECTION 3-Hazards Identification

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

Lab Protective Equip: gloves, safety goggles

SECTION 4-First Aid Measures

INHALATION: Fresh air and normal ventilation. Call a physician if difficulty in breathing persists.
INGESTION: Immediately drink 4-6 oz. of water. Repeat several times. Call a physician.
SKIN CONTACT: Immediately flush with large amounts of water. Call a physician.
EYE CONTACT: Immediately flush with water for at least 15 minutes. Call a physician.

SECTION 5-Fire Fighting Measures

Fire: Not Combustible
Explosion: This solution is not combustible but will react with other chemicals and even water.
Fire Extinguishing Media: Dry chemical, carbon dioxide, halon, water spray or alcohol foam.
Special Information: N/A

SECTION 6-Accidental Release Measures

Wear protective gear and dilute spill with water. Absorb on sand or other inert material and store for disposal. Observe all federal, state and local laws.

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): Normal room ventilation is adequate.

Skin Protection: Wear rubber gloves, and a lab coat.

Eye Protection: Safety goggles

SECTION 9-Physical and Chemical Properties

Appearance: Clear, colorless liquid

Odor: slight alcohol odor

Solubility: soluble

Specific Gravity: 1.0

pH: N/E

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: Will not occur

Hazardous Polymerization: N/E

Incompatibilities: Strong oxidizers, aluminum

Conditions to Avoid: N/E

SECTION 11-Toxicological Information:

Routes of absorption: Inhalation, skin, eyes, ingestion

Threshold limit value: N/E

Signs, symptoms and effects of exposure:

Acute: Irritation of eyes, nose, throat, and skin

Chronic: Eye, nose and throat inflammation.

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

UN2796, Sulfuric Acid solution, 8, Corrosive, PGII

SECTION 15-Regulatory Information

None Reported

SECTION 16-Other Information

N/A

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

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