

MATERIAL SAFETY DATA SHEET

MANUFACTURER: Manufactured for
ROSEMOUNT ANALYTICAL INC.
ADDRESS: 851 McKinley Avenue
Columbus, 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: Reagent #1, (Red)

Synonyms:

Part Number: 180-1026-42

SECTION 2-Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent	Hazardous
Water	7732-18-5	99.7	no
Hydrochloric Acid	7647-01-0	0.3	yes

SECTION 3-Hazards Identification

Health Rating: 0
Flammability Rating: 0
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 ounces of water, repeat many times, call a physician.

SKIN CONTACT: Wash thoroughly with 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: The solution is not combustible

Fire Extinguishing Media: Fight Surrounding Fire

Special Information: N/A

SECTION 6-Accidental Release Measures

Wear protective gloves, goggles and dike area, do not walk in or stand in solution. Cover with sodium bicarbonate or soda ash and mix. Let stand to complete neutralization. Store in a closed container for disposal. Wash area with soda ash solution and flush with water.

SECTION 7-Handling and Storage

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

SECTION 8-Exposure Controls/Personal Protection

Airborne Exposure Limits: N/E
Ventilation System: Local exhaust
Personal Respirators (NIOSH Approved): Not Required
Skin Protection: Rubber Gloves, lab coat
Eye Protection: Safety Goggles with side shields

SECTION 9-Physical and Chemical Properties

Appearance: Clear, colorless liquid
Odor: Slight Chlorine odor
Solubility: Soluble
Specific Gravity: 1.0
pH: Below 4
Boiling Point: Approximately 212°F
Melting Point: N/A
Vapor Density (Air=1): Same as water
Vapor Pressure (mm Hg): Same as water
Evaporation Rate (BuAc=1): Same as water

SECTION 10-Stability and Reactivity

Stability: Stable
Hazardous Decomposition Products: N/E
Hazardous Polymerization: Will not occur
Incompatibilities: N/E
Conditions to Avoid: N/E

SECTION 11-Toxicological Information:

Routes of absorption: Inhalation, skin, eyes, ingestion
Threshold limit value: OSHA limit (airborne) 5 ppm TWA
Signs, symptoms and effects of exposure:
Acute: Irritation of eyes, nose, throat, and skin
Chronic: May cause burns, erode teeth, cause mouth to become sore; eye, nose & 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

UN3264, Corrosive liquid, acidic, inorganic, n.o.s. (hydrochloric acid solution), 8, PGIII

SECTION 15-Regulatory Information

None Reported

SECTION 16-Other Information

N/A

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

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