

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 Name: Working Standard, hydrazine

Synonyms:

Part Number: 180-1018-34,35

SECTION 2-Composition/Information on Ingredients

| Ingredient(s) | CAS # | Percent | Hazardous |
|---------------------------|-----------|---------|-----------|
| Water | 7732-18-5 | 99.9899 | no |
| Hydrochloric Acid | 7647-01-0 | 0.01 | no |
| Hydrazine Dihydrochloride | 5341-61-7 | 0.00001 | 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: N/A
INGESTION: Do not pipette by mouth
SKIN CONTACT: Protective gloves
EYE CONTACT: Safety glasses

SECTION 5-Fire Fighting Measures

Fire: Not Combustible
Explosion: N/A
Fire Extinguishing Media: N/A
Special Information: N/A

SECTION 6-Accidental Release Measures

Neutralize with base & absorb on inert material & dispose of according to local state and federal regulations.

SECTION 7-Handling and Storage

N/A

SECTION 8-Exposure Controls/Personal Protection

Airborne Exposure Limits: N/A
Ventilation System: N/A
Personal Respirators (NIOSH Approved): None
Skin Protection: Nitrile or other safety glove
Eye Protection: goggles with side shields

SECTION 9-Physical and Chemical Properties

Appearance: Clear, colorless liquid
Odor: Odorless
Solubility: Infinite
Specific Gravity: 1.0
pH: 2
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: All water reactive materials, for example magnesium.
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: 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

Reportable Quantity: 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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