

**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, 200 ppb, 100ppb**

**Synonyms:**

**Part Number: 185-3018-35,36**

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

Ingredient(s)	CAS #	Percent	Hazardous
Water	7732-18-5	99.5999	no
Hydrochloric Acid	7647-01-0	0.4	yes
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

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

#### SECTION 15-Regulatory Information

None Reported

#### SECTION 16-Other Information

N/A

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

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