

MATERIAL SAFETY DATA SHEET

MANUFACTURER: Manufactured for
ROSEMOUNT ANALYTICAL INC.
ADDRESS: 851 McKinley Avenue
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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 (silica)

Synonyms:

PartNumber:185-3030-

39/40/41/43/45/46/47/49/50/51/53/55/56/57/58/64/72/73/74/75/76/77/86/87/91/92/93

SECTION 2-Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent	Hazardous
Water	7732-18-5	99.999	no
Sodium Metasilicate	6834-92-0	0.0001	no

SECTION 3-Hazards Identification

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

Lab Protective Equip: None

SECTION 4-First Aid Measures

INHALATION: None
INGESTION: None
SKIN CONTACT: None
EYE CONTACT: None

SECTION 5-Fire Fighting Measures

Fire: Not Combustible
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: N/A

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: infinite
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: 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:0 Flammability:0 Reactivity:0

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