

MATERIAL SAFETY DATA SHEET

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(1-800-424-9300 24 Hr. CHEMTREC/ CODE: RANA)

SECTION 1—Product Identification

Product Name: Internal Reference Fill Solution
Synonyms:
Part Number: 9210066

SECTION 2-Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent Hazardous	
Water	7732-18-5	94.1	no
Potassium Citrate	6100-05-6	3.25	no
Citric Acid	5949-29-1	2.1	no
Silver Chloride	7783-90-6	0.4	no
Potassium Chloride	7447-40-7	0.1	no
Butylparaben	94-26-8	0.05	no
TOTAL		100%	

SECTION 3-Hazards Identification

Health Rating: 1
Flammability Rating: 0
Reactivity Rating: 1
Lab Protective Equip: gloves, safety goggles

SECTION 4-First Aid Measures

INHALATION: No known effects, remove to fresh air if necessary.
INGESTION: Dilute with water. Seek medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.
SKIN CONTACT: Wash with soap and water for 15 minutes.
EYE CONTACT: Flush with water for at least 15 minutes.

SECTION 5-Fire Fighting Measures

Fire: Non-flammable
Explosion: N/A
Fire Extinguishing Media: Fight Surrounding Fire
Special Information: N/A

SECTION 6-Accidental Release Measures

Rinse area with water; mop. Dispose in accordance with federal, state and local regulations.

SECTION 7-Handling and Storage

Keep in a tightly closed container, stored in a cool, dry, ventilated area.

SECTION 8-Exposure Controls/Personal Protection

Airborne Exposure Limits: N/A

Ventilation System: Normal room ventilation is generally adequate.

Personal Respirators (NIOSH Approved): Safety glasses.

Skin Protection: Gloves

Eye Protection: Use safety glasses or goggles.

SECTION 9-Physical and Chemical Properties

Appearance: Clear, colorless liquid

Odor: Odorless

Solubility: 100% Soluble

Specific Gravity: 1.00

pH: approximately 6-7

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: not known

Hazardous Polymerization: Will not occur

Incompatibilities: None

Conditions to Avoid: None

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

Irritation Effects Data: None specified, possible sensitization from prolonged contact with raw material.

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

Not regulated

SECTION 15-Regulatory Information

Not regulated

SECTION 16-Other Information

N/A

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

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