

MATERIAL SAFETY DATA SHEET

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PREPARED BY: T. Phillips

SECTION 1-Product Identification

Product Name: Calibrating Solution
Synonyms:
Part Number: SS-3, SS-3A

SECTION 2-Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent	Hazardous
Sodium Sulfate	7757-82-6	2	No
Non-Hazardous Ingredients		98	No

SECTION 3-Hazards Identification

Health Rating: 1
Flammability Rating: 0
Reactivity Rating: 0

Lab Protective Equip: goggles, gloves, lab coat (optional).

SECTION 4-First Aid Measures

INHALATION:

Not expected to be an inhalation hazard at this low concentration. If irritation develops in the mucous membranes, remove to fresh air or pour under a fume hood

INGESTION:

Do NOT induce vomiting unless directed to do so by a physician. Dilute with more water, contact a physician.

SKIN CONTACT:

May slightly irritate the skin. Wash with soap and water for 10 minutes. Contact a physician if irritation persists or a rash develops.

EYE CONTACT:

Remove contact lenses, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if burning, irritation persists.

SECTION 5-Fire Fighting Measures

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

SECTION 6-Accidental Release Measures

Dilute with water, use gloves and wipe up area with paper towels. Dispose of towels and residue consistent with state and local regulations.

SECTION 7-Handling and Storage

Keep container tightly closed. Keep container in cool, well-ventilated area.

SECTION 8-Exposure Controls/Personal Protection

Airborne Exposure Limits: N/A product is in solution.

Ventilation System: N/A

Personal Respirators (NIOSH Approved): N/A

Skin Protection: Gloves

Eye Protection: Goggles or safety glasses ANSI Z87.1

SECTION 9-Physical and Chemical Properties

Appearance: clear solution

Odor: Odorless

Solubility: Completely soluble

Specific Gravity: 1.0

pH: Unknown, close to 7

Boiling Point: 100 C

Melting Point: N/A

Vapor Density (Air=1): N/A

Vapor Pressure (mm Hg): N/A

Evaporation Rate (BuAc=1): N/A, but close to 1

SECTION 10-Stability and Reactivity

Stability: Stable

Hazardous Decomposition Products: Will not occur

Hazardous Polymerization: N/A

Incompatibilities: N/A

Conditions to Avoid: N/A

SECTION 11-Toxicological Information

The toxicity of this solution has not been tested in a laboratory at this concentration. This solution is not known to be toxic to humans or animals in small doses at this concentration.

SECTION 12-Ecological Information

Environmental Fate: Unknown

Environmental Toxicity: Unknown in solution at this concentration. Unlikely that this concentration would pose a threat to the environment at this concentration.

SECTION 13-Disposal Considerations

Dispose of solution according to local and state environmental control regulations.

SECTION 14-Transport Information

Not a DOT controlled material.

SECTION 15-Regulatory Information

Not regulated at this concentration and in solution.

SECTION 16-Other Information

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

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