

MSDS

Material Safety Data Sheet

**Section 1: Chemical Product and Company Identification**

<b>Catalog Number:</b> 2950	
<b>Product Identity:</b> EXTON QUALITATIVE REAGENT	
<b>Manufacturer's Name:</b> RICCA CHEMICAL COMPANY LLC	<b>Emergency Contact(24 hr) -- CHEMTREC®</b> Domestic: 800-424-9300 International: 703-527-3887
<b>CAGE Code:</b> 4TCW6, 0V553, 4XZQ2	
<b>Address:</b> 448 West Fork Dr Arlington, TX 76012	<b>Telephone Number For Information:</b> 817-461-5601
<b>Date Prepared:</b> 10/18/00	<b>Revision: 1</b>  Last Revised: 09/24/2001 Date Printed: 01/27/2012 3:39:13 am

**Section 2. Composition/Information on Ingredients**

Component	CAS Registry #	Concentration	ACGIH TLV	OSHA PEL
5-Sulfosalicylic Acid Dihydrate	5965-83-3	4 - 6	Not Available Not Available	Not Available Not Available
Water, Deionized	7732-18-5	Balance	Not Available Not Available	Not Available Not Available
Sodium Sulfate	7757-82-6	4 - 6	Not Available Not Available	Not Available Not Available

**Section 3: Hazard Identification**

**Emergency Overview:** Does not present any significant health hazards. May be harmful if swallowed. Wash areas of contact with water for 15 minutes.

Ingestion of large amounts may cause gastrointestinal irritation with nausea, vomiting, abdominal pain and diarrhea.

**Target Organs:** eyes, skin.

**Eye Contact:** May cause irritation, redness, pain, and tearing.

**Inhalation:** Not likely to be hazardous by inhalation.

**Skin Contact:** May cause slight irritation.

**Ingestion:** Large doses may cause nausea and general gastrointestinal upset.

**Chronic Effects/Carcinogenicity:** Prolonged or repeated exposure may cause dermatitis.

**IARC** - No.

**NTP** - No.

**OSHA** - No.

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**Reproductive Information:** Reproductive effects cited in 'Registry of Toxic Effects of Chemical Substances' for Sodium Sulfate. Reproductive effects cited in 'Registry of Toxic Effects of Chemical Substances' for Sodium Sulfate.

**Teratology (Birth Defect) Information:** Mutation data cited in 'Registry of Toxic Effects of Chemical Substances' for Sodium Sulfate. Mutation data cited in 'Registry of Toxic Effects of Chemical Substances' for Sodium Sulfate.

### Section 4: First Aid Measures - In all cases, seek qualified evaluation.

**Eye Contact:** Irrigate immediately with large quantity of water for at least 15 minutes. Call a physician if irritation develops.

**Inhalation:** Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

**Skin Contact:** Wash areas of contact with soap and water for at least 15 minutes. Call a physician if irritation develops.

**Ingestion:** Dilute with water or milk. Do not induce vomiting for small amounts. Call a physician if necessary. For large amounts, induce vomiting and call a physician.

### Section 5: Fire Fighting Measures

**Flash Point:** Not Available.

**Method Used:** Not Available.

**LFL:** Not Available.

**UFL:** Not Available.

**Extinguishing Media:** Use any means suitable for extinguishing surrounding fire.

**Fire & Explosion Hazards:** Not considered to be a fire or explosion hazard.

**Fire Fighting Instructions:** Use normal procedures/instructions.

**Fire Fighting Equipment:** Use protective clothing and breathing equipment appropriate for the surrounding fire.

### Section 6: Accidental Release Measures

Collect liquid and dilute with water. Release to drain if local regulations allow. For larger spills, absorb with suitable material (vermiculite, clay, etc.). Collect the solid residue and save for disposal.

### Section 7: Handling and Storage

As with all chemicals, wash hands thoroughly after handling. Avoid contact with eyes and skin. Protect from freezing and physical damage. Store at room temperature.

**Safety Storage Code:** General

### Section 8: Exposure Control/Personal Protection

**Engineering Controls:** No specific controls are needed. Normal room ventilation is adequate.

**Respiratory Protection:** Normal room ventilation is adequate.

**Skin Protection:** Chemical resistant gloves.

**Eye Protection:** Safety glasses or goggles.

### Section 9: Physical and Chemical Properties

**Appearance:** colorless to slight pink or tannish gold liquid

**Odor:** Odorless

**Solubility in Water:** Infinite

**Specific Gravity:** Approximately 1

**pH:** Not Available.

**Boiling Point(°C):** Approximately 100

**Melting Point(°C):** Approximately 0

**Vapor Pressure:** Not Applicable.

### Section 10: Stability and Reactivity

**Chemical Stability:** Stable under normal conditions of use and storage.

**Incompatibility:** Strong mineral acids.

**Hazardous Decomposition Products:** Fumes of Sulfur Oxides, Phenol and Salicylic Acid may occur when heated to decomposition.

**Hazardous Polymerization:** Will not occur.

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**Section 11. Toxicological Information**

LD50 (Oral, Rat): 1850 mg/kg (Sulfosalicylic Acid), behavioral and gastrointestinal effects noted. LD50, Oral, Mouse: (Sodium Sulfate) 5989 mg/kg, details of toxic effects not reported other than lethal dose value.

**Section 12. Ecological Information**

**Ecotoxicological Information:** No information found.

**Chemical Fate Information:** No information found.

**Section 13. Disposal Considerations**

Dilute with water, then wash the resulting solution down the drain with plenty of water if local regulations allow. If not allowed, containerize for disposal by an approved waste disposal facility. Always dispose of in accordance with local, state and federal regulations.

**Section 14. Transport Information**

Part Numbers:

This product is not regulated.

**Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)**

**OSHA Status:** These items meet the OSHA Hazard Communication Standard (29 CFR 1910.1200) definition of a hazardous material.

**TSCA Status:** All components of this solution are listed on the TSCA Inventory or are mixtures (hydrates) of items listed on the TSCA Inventory.

Sara Title III:

**Section 302 Extremely Hazardous Substances:** Not Applicable.

**Section 311/312 Hazardous Categories:** No

**Section 313 Toxic Chemicals:** Not Applicable.

**California:** None Reported.

**Pennsylvania:** Sodium Sulfate is listed as an Environmental Hazard on the state's Hazardous Substances List. Sodium Sulfate is listed as an Environmental Hazard on the state's Hazardous Substances List.

**RCRA Status:** Not Applicable.

**CERCLA Reportable Quantity:** None Reported.

**WHMIS:** Not Applicable.

**Section 16. Other Information**

NFPA Ratings:

Health: 1

Flammability: 0

Reactivity: 0

Special Notice Key: None

HMIS Ratings:

Health: 1

Flammability: 0

Reactivity: 0

Protective Equipment: B (Protective Eyewear, Gloves)

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## MSDS

For RICCA, SpectroPure, Red Bird, and Solutions Plus Brands  
Emergency Contact(24 hr) -- CHEMTREC®  
Domestic: 800-424-9300  
International: 703-527-3887

EXTON QUALITATIVE REAGENT

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and RICCA CHEMICAL COMPANY assumes no legal responsibility or liability whatsoever resulting from its use.