

**MATERIAL SAFETY DATA SHEET**

MANUFACTURER: Manufactured for  
ROSEMOUNT ANALYTICAL INC.  
ADDRESS: 851 McKinley Avenue  
Colombus, OH 43222

DATE REVISED: 1-27-11  
PREPARED BY: T. Phillips

TELEPHONE: (614) 224-5345

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

**SECTION 1-Product Identification**

**Product Name: Salicylate Reagent, Reagent #1 (Orange)**

**Synonyms:**

**Part Number: 185-3010-32**

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

Ingredient(s)	CAS #	Percent	Hazardous
Water	7732-18-5	90.0	no
Sodium Salicylate	54-21-7	10.0	yes

**SECTION 3-Hazards Identification**

Health Rating: 2  
Flammability Rating: 0  
Reactivity Rating: 1

Lab Protective Equip: gloves, safety goggles with shields

**SECTION 4-First Aid Measures**

INHALATION: Remove to fresh air. Seek attention if necessary.  
INGESTION: Induce vomiting. Give large volumes of milk or water. Call a physician.  
SKIN CONTACT: Flush well with soap and water.  
EYE CONTACT: Flush well with water for at least 15 minutes. Seek medical attention if irritation persists.

**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**

May cause surfaces to become slippery; ventilate; absorb on inert material. Store in an enclosed container and dispose of according to local, state & federal regulations, or neutralize with dilute acid and dispose of as non-hazardous waste.

**SECTION 7-Handling and Storage**

N/A

## SECTION 8-Exposure Controls/Personal Protection

Airborne Exposure Limits: N/A  
Ventilation System: Normal room ventilation  
Personal Respirators (NIOSH Approved): Not required  
Skin Protection: impervious gloves  
Eye Protection: safety glasses with shields

## SECTION 9-Physical and Chemical Properties

Appearance: Clear, colorless liquid  
Odor: Odorless  
Solubility: soluble  
Specific Gravity: N/E  
pH: 6.9  
Boiling Point: 213 degrees Fahrenheit  
Melting Point: N/E  
Vapor Density (Air=1): N/E  
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: None  
Conditions to Avoid: Ferric salts, mineral acids, lime water

## SECTION 11-Toxicological Information:

Routes of absorption: Inhalation, ingestion.  
Threshold limit value: Oral rat LD50: 1600 mg/kg  
Signs, symptoms and effects of exposure:  
Acute: N/E  
Chronic: Central nervous system disturbances, i.e. rapid breathing, confusion or convulsions may develop. Kidney or pancreas can be affected on prolonged ingestion of sailylates.

## 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

None found

Reportable Quantity: N/A

## SECTION 15-Regulatory Information

None Reported

**SECTION 16-Other Information**

N/A

**NFPA Ratings:** Health:2 Flammability:0 Reactivity:0

\*\*\*\*\*

**Rosemount Analytical Inc., a Division of Emerson Process Management, provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. ROSEMOUNT ANALYTICAL INC. MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, ROSEMOUNT ANALYTICAL INC. WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.**

.....

**Prepared by: Rosemount Analytical Inc.**  
Phone Number: (949) 757-8500