

**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: Reagent #2, Buffer (orange)**  
**Synonyms: Sodium acetate (4%), Acetic Acid (2%) in aqueous solution.**  
**Part Number: 185-3026-35**

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

Ingredient(s)	CAS #	Percent	Hazardous
Water	7732-18-5	94.0	no
Sodium Acetate	127-09-3	4.0	no
Acetic Acid	64-19-7	2.0	no

**SECTION 3-Hazards Identification**

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

Lab Protective Equip: gloves, safety goggles, lab coat

**SECTION 4-First Aid Measures**

INHALATION: Remove to fresh air. Give oxygen if necessary, seek medical attention immediately.  
INGESTION: Induce vomiting. Give plenty of water, seek medical attention.  
SKIN CONTACT: Wash with soap and water. Remove contaminated clothing. Call a physician if irritation persists.  
EYE CONTACT: Flush with water for at least 15 minutes. Seek medical attention if irritation persists.

**SECTION 5-Fire Fighting Measures**

**Fire: Not flammable**  
**Explosion: N/A**  
**Fire Extinguishing Media: Fight Surrounding Fire**  
**Special Information: N/A**

**SECTION 6-Accidental Release Measures**

Stop the leak if possible. Flush area well with water to dilute. Absorb onto an inert material and store it in a closed container. Vent any confined spaces to outside atmosphere.

**SECTION 7-Handling and Storage**

Wash thoroughly after handling. Don't breathe vapors. Do not get in eyes, on skin or on clothing. Keep containers closed. Store in closed containers.

#### SECTION 8-Exposure Controls/Personal Protection

Airborne Exposure Limits: N/A

Ventilation System: Normal room ventilation is adequate.

Personal Respirators (NIOSH Approved): Normal room ventilation is generally adequate.

Skin Protection: Gloves, lab coat.

Eye Protection: Use safety glasses or goggles.

#### SECTION 9-Physical and Chemical Properties

Appearance: Clear, colorless liquid

Odor: Mildly sharp

Solubility: soluble

Specific Gravity: N/E

pH: N/E

Boiling Point: Approximately 212-214°F

Melting Point: No data

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: Could include CO, Carbon Dioxide

Hazardous Polymerization: Will not occur

Incompatibilities: Strong oxidizers

Conditions to Avoid: Extreme heat/ flames

#### SECTION 11-Toxicological Information:

Routes of absorption: Inhalation, skin, eyes, ingestion

Threshold limit value: N/E

Signs, symptoms and effects of exposure:

Acute: Irritation of mucous membranes

Chronic: N/A

Acute oral toxicity (LD 50, rat): 3530 mg/kg (con. Sodium acetate)

Acute Dermal Toxicity (LD 50, Rabbit): 500mg/24 Hr. (Con. Sodium Acetate)

Acute Inhalation Toxicity ((LC 50, Rat): greater than 30 gm/cubic Meter/Hr. (con. Sodium Acetate)

#### SECTION 12-Ecological Information

Environmental Fate: No data

Environmental Toxicity: N/A

Additional information: Waste from this product could have a long-term environmental effect thus incineration may be more desirable than landfill disposal.

#### SECTION 13-Disposal Considerations

Comply with all Federal, State and local regulations. Almost all disposal methods are subject to regulation under RCRA. In particular, review RCRA land disposal restrictions. Under some conditions, material contaminated with this product may be landfilled at appropriately permitted facilities.

**SECTION 14-Transport Information**

Non-hazardous; maximum container: 5 liters

**SECTION 15-Regulatory Information**

**US Federal Regulations:**

Toxic Substances Control Act (TSCA): N/V  
(29CFR1910.1200) Hazard

OSHA Hazard Communication Standard

class - none

EPA SARA Title III Section 312 (40CFR370) Hazard Class: none

EPA SARA Title III Section 313 (40CFR372) toxic chemicals above  
"de minimis" level are

None

**State Regulations:**

Proposition 65 Substances (components) known to the State of  
California to cause cancer and/or reproductive toxicity and subject  
to warning and discharge requirements under the "Safe Drinking  
Water and Toxic Enforcement Act of 1986":

None

**SECTION 16-Other Information**

N/A

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

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Prepared by: Rosemount Analytical Inc.

Phone Number: (949) 757-8500