

Reagent 4: N/A

Reagent 5: N/A

Reagent 6: N/A

3. HAZARD IDENTIFICATION

Primary Routes of Entry:

Inhalation, ingestion, skin and/or eye contact.

Inhalation:

May cause irritation to respiratory tract.

Ingestion:

May cause nausea or vomiting.

Skin Contact:

May irritate skin with prolonged contact.

Eye Contact:

May irritate the eye on contact.

Chronic Exposure:

N/A

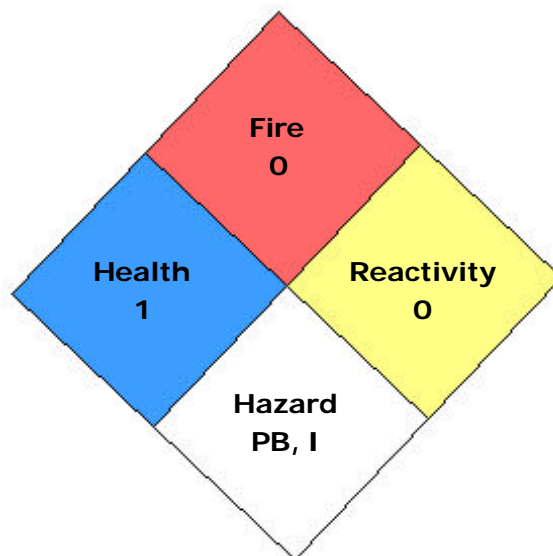
Medical Conditions Aggravated by Exposure:

N/A

Health Effects:

No adverse health effects should occur from routine use of this material in the manner specified by the manufacturer's instructions. The above health effects may be associated with overexposure to this product. With FDA liscensed tests, the human source material in this product has been tested and is not reactive for Hepatitis B surface antigen, anti-Hepatitis C, and anti HIV 1/HIV-2. It is recommended to handle this product in accordance with Universal Precautions and the OSHA Bloodborne Pathogen Standard (29CFR1910.1030).

NFPA Rating



4. FIRST AID MEASURES

Inhalation:

If breathing becomes difficult, remove victim to fresh air. Seek medical assistance immediately.

Ingestion:

If product is swallowed get medical attention. If professional advice is not available, do not induce vomiting. Never give anything by mouth to an unconscious person.

Skin Contact:

If contact with this product leads to reddening, inflammation, or irritation, flush the exposed area with running water. Get medical attention.

Eye Contact:

Immediately flush eye(s) with large volumes of water for at least 15 minutes, occasionally lifting the lower and upper lids. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

Flash Point (Method used): N/A

Flammable Limits-LEL: N/A

UEL: N/A

Extinguishing Media:

Use fire extinguishing media appropriate for site conditions.

Special Fire Procedures:

Structural firefighting gear and self-contained breathing apparatus will provide adequate protection if this product is in a fire area.

Unusual Fire and Explosion Hazards:

N/A

6. ACCIDENTIAL RELEASE MEASURES

Steps to be Taken in Case Material is Released or Spilled:

Use Universal Precautions. Wash contaminated area with disinfectant and water, Use proper personal protective equipment as indicated in Section 8. Sweep up (if powder) or absorb material (if liquid), then place into a suitable clean, dry, closed container, and label for disposal. Avoid making dusty conditions (if powder).

7. HANDLING AND STORAGE

Store vials as directed in the product insert. Avoid splashing or spraying this product's components. All employees who handle this material should be trained to handle it safely.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation Data:

Supplemental ventilation such as general exhaust ventilation should be adequate under normal use of this product.

Respiratory Protection:

Respiratory protection is not required under normal use of this product. If respiratory protection is needed, follow OSHA respirator regulations (29CFR1910.134) and, if necessary, wear a NIOSH approved respirator. Select respirator based on its suitability to provide worker protection for given working conditions, level of airborne concentration, and presence of sufficient oxygen.

Protective Gloves:

Wear appropriate protective gloves to prevent skin contact. Replace torn or punctured gloves promptly. Consistent with Universal Precautions, avoid the use of sharps with this product.

Other Protective Equipment:

Wear appropriate eye protection to prevent eye contact. Wear appropriate body protection to prevent skin contact.

Other Engineering Controls:

Eye wash stations and deluge showers.

Work Practices:

Good laboratory technique should be used when handling this product. Observe appropriate chemical hygiene. Avoid contact with skin or eyes. Do not place in mouth.

Hygienic Practices:

Do not eat, drink, or smoke while working with product. Upon completion of work activities involving this product, wash hands thoroughly with soap and water.

9. PHYSICAL AND CHEMICAL PROPERTIES

For All Components Unless Otherwise Indicated

Relative Vapor Density (air = 1): N/A

Specific Gravity (water = 1) N/A

Solubility in Water: Soluble in water

Vapor Pressure, mm Hg @ 20°C: N/A

Evaporation Rate (nBuAc = 1): N/A

Freezing/Melting Point: N/A

Boiling Point: N/A

pH: 7.6

Odor and Appearance Information

Reagent 1:

Light yellow, lyophilized cake

Reagent 2:

N/A

Reagent 3:

N/A

Reagent 4:

N/A

Reagent 5:

N/A

Reagent 6:

N/A

10. STABILITY AND REACTIVITY

Incompatibility (Materials to Avoid):

Unknown

Hazardous Decomposition Products:

N/A

Will Hazardous Polymerization Occur?

Hazardous polymerization will not occur.

Conditions to Avoid/Polymerization:

N/A

Is the Product Stable?

Stable under normal handling and storage conditions.

Conditions to Avoid/Stability:

N/A

11. TOXICOLOGICAL INFORMATION**Toxicity Data:**

Sodium Acetate: LD50(rat,oral)=3530mg/kg.

Reproductive Effects:

N/A

Target Organ Effects:

Eyes, skin, gastrointestinal system.

Carcinogenicity: No

CHEMICAL NAME	CAS #	% W/V	NTP Carcinogen		IARC	OSHA
			Known	Anticipated		
N/A						

12. ECOLOGICAL INFORMATION**Environmental Fate/Stability:**

N/A

Effect of Material on Plants or Animals:

N/A

Effect of Chemical on Aquatic Life:

N/A

13. DISPOSAL CONSIDERATIONS**EPA Waste Number and Proper Waste Disposal Method:**

Please consult local, state and federal regulations for additional guidance on disposal.

14. TRANSPORTATION INFORMATION

Is this Material Hazardous? Not regulated under transportation regulations.

Proper Shipping Name: N/A

Hazard Class Number: N/A

Packing Group: N/A

UN Number: N/A

15. REGULATORY INFORMATION

U.S. SARA 313 Notice Requirement (40 CFR 372):

N/A

U.S. SARA Reportable Quantity (EHS RO)/Threshold Planning Quantity (SARA 302;40 CFR 355,App. A):

N/A

U.S. CERCLA Reportable Quantity (SARA 304; 40CFR Table 302.4):

N/A

U.S. TSCA Inventory Status:

All hazardous components listed are in TSCA.

Other U.S. Federal Regulations:

N/A

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):

No component of this product is on the California Proposition 65 List.

16. OTHER INFORMATION

Other Comments:

DISCLAIMER

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