

Safety Data Sheet

Red Blood Cell Lysis Buffer (10X)

Cat#: orb1473250

1 - Product Information

1.1 Product identifier

Product Name: Red Blood Cell Lysis Buffer (10X)

2 - Composition/Information on Ingredient

NH₄Cl (CAS# 12125-02-9)

NaHCO₃ (CAS# 144-55-8)

EDTA-Na₂ (CAS# 6381-92-6)

3 - Hazards Identification

3.1 GHS Classification

Acute toxicity, Oral (Category 4), H302

Serious eye damage/eye irritation (Category 2A), H319

3.2 GHS Label elements, including precautionary statements

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

Precautionary Statements Response

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

4 - First Aid Measures

Eye Contact: Irrigate with copious amounts of fresh water.

Skin Contact: Wash with clean water or soap and water.

Inhalation: Move to an outside area and breath fresh air. Clear the nose by blowing.

Ingestion: Flush out the mouth with water and drink copious amounts of fresh water. Seek medical advice.

5 - Fire Fighting Measures

EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical power or appropriate foam.

Prevent contact with skin and eyes.

6 - Accidental Release Measures

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Spilled material should be

carefully wiped up with water and removed.

7 - Handling and Storage

Upon receipt, all component should be store at 4°C.

8 - Exposure Controls

Safety shower and eye bath, mechanical exhaust required. Wash thoroughly after handling. Wash contaminated clothing before reuse.

Avoid inhalation. Avoid contact with eyes, skin and clothing. Store as indicated on product label. Avoid prolonged or repeated exposure.

SPECIAL PROTECTIVE EQUIPMENT: Wear suitable protective clothing, including gloves, safety glasses, dust mask, and a laboratory coat.

SPECIAL PRECAUTIONS: Not for human or drug use. Not for household use.

9 - Physical and Chemical Properties

APPEARANCE AND ODOR: Liquid.

10 - Stability and Reactivity

STABILITY: Stable under normal handling procedures.

11 - Toxicological Information

The toxicology of this material has not been fully tested.

12 - Ecological Information

Data not yet available.

13 - Disposal Considerations

Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state and local environmental regulations. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide buildup in drains.

14 - Transport Information

No information

15 - Regulatory Information

No information



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16 - Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Biorbyt shall not be held liable for any damage resulting from handling or from contact with the above product.