

RNA Purification Buffer

1. Physical/Chemical Properties

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|--------------------------------|---------|
| Appearance and odor | Liquid |
| Boiling Point | N/A |
| Specific Gravity | N/A |
| Solubility in H ₂ O | Soluble |

2. Hazards Identification

Harmful by inhalation, contact with skin, or if swallowed.

3. Fire and Explosion Hazard

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|-------------------------|--|
| Flash Point | None |
| Flammable Limits in Air | N/A |
| Extinguishing Media | Water, CO ₂ , Extinguishing powder |
| Special Fire Fighting | Do not inhale gases, wear self-contained breathing apparatus and protective clothing |

4. First Aid Measures

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| Skin Contact | Wash affected area with soap and water and rinse thoroughly |
| Inhalation | Supply fresh air and consult a physician |
| Eye Contact | Rinse opened eye with running water for at least 15 minutes and consult a physician |
| Swallowing | Immediately consult a physician |

5. Special Protection

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|------------------------|-------------------------------------|
| Respiratory Protection | NIOSH approved respirator as needed |
| Ventilation | Lab/fume hood as appropriate |
| Protective Gloves | General laboratory gloves |
| Eye Protection | Eye goggles |

6. Reactivity Data

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|----------------------------------|---------------------------------|
| Stability | Stable |
| Incompatibility | Strong acids, bases or oxidants |
| Hazardous Decomposition Products | N/A |

7. Spill or Leak Procedures

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| If spilled | Absorb on neutral material. Wash spill area thoroughly. |
| Waste Disposal | Dispose according to all federal, state, and local laws. |

8. Handling and Storage

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| Safe Handling | Use appropriate laboratory protection (coat, gloves, etc.) |
| Storage | Store at room temperature with receptacle tightly sealed |

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