

## MSDS

Version 1.0

### Product and Company Identification

Product Name: 5X all-in-one Reverse Transcription kit  
Cat #: 5AIO-100, 5AIO-200, 5AIO-OEM  
Product Use: For Research Use Only. Not for use in diagnostic procedures  
Company: Molecular Cloning Laboratories(MCLAB)  
320 Harbor Way  
South San Francisco, CA 94080  
  
Telephone: 888-MCLAB-88  
650-871-8771  
  
Fax: 650-871-8796

### Composition/Information On Ingredients

All components of the products are considered non-hazardous. As yet, the chemical, physical, and toxicological properties of these products have not been thoroughly investigated. These products contain buffers and this MSDS is written to apply to general reagents.

### Hazards Identification

Review approved and the most current institutional guideline, protocol, SOP(s) and MSDS(s) for the proper handling of institutional materials/equipment associated with the use of this product.

#### Primary Routes of Entry:

Skin Absorption (No)  
Dermal/skin contact (Yes)  
Eye contact (Yes)  
Inhalation (No)  
Ingestion (Yes)  
Chronic Exposure (No)

**Medical Conditions Aggravated by Exposure:** Not available.

**Potential Acute Health Effects:** Adverse health effects are not expected from the use of this product.

**Carcinogenic Effects:** Not listed by NTP, IARC or OSHA.

**Mutagenic Effects:** Not available.

**Teratogenic Effects:** Not available.

### First Aid Measures

**Emergency First Aid Procedures:** Wash affected area with water for at least 15 minutes. See physician.

### Fire Fighting Measures

**Special Fire Fighting:** N/A

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## Accidental Release Measures

If released or spilled, absorb on neutral material. Wash area thoroughly.

## Handling and Storage

See Certificate of Analysis for storage information.

## Exposure Controls and Personal Protection

**Effects of Overexposure:** N/A

**Respiratory Protection:** None needed

**Ventilation:** General ventilation

**Protective Glove:** General lab safe gloves

**Eye Protection:** Use general eye protection-goggles.

**Handling and Storage:** Wear appropriate protective clothing and gloves. Store in cold.

## Physical and Chemical Properties

**Appearance:** Solution.

**Boiling Point:** 100°C

**Specific Gravity:** N/A

**Vapor Density & Pressure:** N/A

**Solubility in H<sub>2</sub>O:** Soluble

## Stability and Reactivity

**Stability and Reactivity:** The product is stable

**Incompatibility:** N/A

**Hazardous Decomposition Products:** N/A

## Toxicological Information

N/A

## Ecological Information

The product itself and its products of degradation are not toxic.

## Disposal Considerations

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

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## Transport Information

Contact MCLAB for all transport information.

## Regulatory Information

N/A.

## Notice to Reader

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