

# Material Safety Data Sheet

## Section 1. Product and Company Identification

**Product Name:** Tissue Total RNA or mRNA , Total RNA or mRNA Panel

**Catalog Number:**

**Manufacturer:** Biochain Inst., Inc. 3517 Breakwater Ave. Hayward, CA 94545, USA

**Contact:** 510-783-8588 (Tel) or 510-783-5386 (Fax), [Info@biochain.com](mailto:Info@biochain.com), [www.biochain.com](http://www.biochain.com)

**Validation Date:** 12/15/2007

**MSDS#**

**Component/Item (and Parts number if listed)**

Total RNA or mRNA

## Section 2. Composition and Information on Hazardous (OSHA) 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 EDTA buffers and this MSDS is written to apply to general reagents.

## Section 3. 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 BCI 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.

## Section 4. First Aid Measures

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

## Section 5. Fire Fighting Measures

**Special Fire Fighting:** N/A

## Section 6. Accidental Release Measures

If released or spilled Absorb on neutral material. Wash area thoroughly.

## Section 7. Handling and Storage

See User's Manual for storage information.

## Section 8. Exposure Controls and Personal Protection

**Effects of Overexposure:** N/A

**Ventilation:** General ventilation

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

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

**Respiratory Protection:** None needed

**Protective Glove:** General lab safe gloves

## **Section 9. Physical and Chemical Properties**

**Appearance:** Solution.  
**Boiling Point:** 100°C  
**Specific Gravit:** N/A  
**Vapor Density & Pressure:** N/A  
**Solubility in H<sub>2</sub>O:** Soluble

## **Section 10. Stability and Reactivity**

**Stability and Reactivity:** The product is stable  
**Incompatibility:** N/A  
**Hazardous Decomposition Products:** N/A

## **Section 11. Toxicological Information**

N/A

## **Section 12. Ecological Information**

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

## **Section 13. Disposal Considerations**

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

## **Section 14. Transport Information**

Contact BCI for all transport information.

## **Section 15. Regulatory Information**

N/A.

## **Section 16. Other Information**

Validated by BCI Administration on 12/15/2007. Verified by BCI Administration and Printed on 12/29/2007.

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N/A - Not applicable or no information available.