

## Safety Data Sheet

### **Section 1. Product and Company Identification**

**Product Name** T4 RNA Ligase 1  
**Catalog #** L1271010, L1271050, and L1271500  
**Manufacturer** Biochain Institute, Inc.  
39600 Eureka Drive  
Newark, CA 94560  
USA  
510.783.8588 or 1.888.762.2568  
Email: [info@biochain.com](mailto:info@biochain.com)  
**Emergency Phone #** Contact your local hazardous material control center.  
Call 911 in case of medical emergency.

### **Section 2. Hazards Identification**

**GHS Classification**

Not a hazardous substance or mixture.

**GHS Label elements, including precautionary statements**

Not a hazardous substance or mixture

Hazards not otherwise classified (HNOC) or not covered by GHS – none

### **Section 3. Composition and Information on Ingredients**

T4 RNA Ligase 1  
10X Reaction Buffer

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.

### **Section 4. First Aid Measures**

**General advice:** Immediate medical attention is required. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove from exposure, lie down. Do not breathe dust/fume/gas/mist/vapors/spray.

**Eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin contact:** Wash skin with soap and water.

**Inhalation:** Remove to fresh air.

### **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 Certificate of Analysis 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 Gravity:** 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 under recommended storage conditions

**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 BioChain for all transport information.

## **Section 15. Regulatory Information**

N/A.

## **Section 16. Other Information**

The information contained in this SDS was obtained from sources we believe are reliable. However, the above information is provided without warranty, expressed or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.