

## Safety Data Sheet

### Section 1. Product and Company Identification

**Product Name**                    **Methylated and Low-methylated Genomic DNA Matched Pair**  
**Catalog #**                        D62xxxxx-PP  
**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

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 3. Composition and Information on Ingredients

Methylated and non-methylated human lymphocyte cell line Genomic DNA is in 1x TE 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 TE buffers and this MSDS is written to apply to general reagents.

### 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 or Certificate of Analysis for storage information.

### Section 8. Exposure Controls and Personal Protection

**Effects of Overexposure:** N/A

**Ventilation:** General ventilation

**Respiratory Protection:** None needed

**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.

### **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**

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.