

Material Safety Data Sheet

Section 1. Product and Company Identification

Product Name: Bacteria Identification Kit

Catalog Number: K5081100

Manufacturer: Biochain Inst., Inc. 3507 Breakwater Ave. Hayward, CA 94545, USA

Contact: 510-783-8588 (Tel) or 510-783-5386 (Fax), Info@biochain.com, www.biochain.com

Validation Date: 12/08/2003

MSDS# K5081100

Component/Item (and Parts number if listed)

- 1) 10x Universal lysis buffer
- 2) PCR mix (MgCl, dNTP and pH control reagent)
- 3) DNA polymerase (1 unit/ μ l)
- 4) Universal Control Primers (Mixture of Forward and Reverse Primers from 16S gene, 5 μ M each)

Section 2. Composition and Information on Hazardous (OSHA) Ingredients

All components of the kit are considered non-hazardous.

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 (**No**); Eye contact (**No**); Inhalation (**No**); Ingestion (**No**); Chronic Exposure (**No**). Skin or eye contact from splashes.

Medical Conditions Aggravated by Exposure: Not available.

Potential Acute Health Effects: Adverse health effects are not expected from the recommended 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

Skin: Wash exposed skin with mild soap and water. Get medical attention if irritation develops or persists.

Eyes: Immediately flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical attention.

Inhalation: If breathing becomes difficult, move victim to fresh air. If irritation persists, get medical attention.

Ingestion: Do not induce vomiting. If affected person is conscious, give plenty of water to drink. Seek medical attention.

Section 5. Fire Fighting Measures

Flammability of the Product: Not flammable.

Flash Points: Not available

Section 6. Accidental Release Measures

N/A.

Section 7. Handling and Storage

See User's Manual for storage information.

Section 8. Exposure Controls and Personal Protection

N/A.

Section 9. Physical and Chemical Properties

N/A.

Section 10. Stability and Reactivity

Stability and Reactivity: The product is stable

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

Verified by BCI Administration and Printed on 12/08/2003.

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N/A - Not applicable or no information available.