

Material Safety Data Sheet

Section 1. Product and Company Identification

Product Name: PCR Mix

Catalog Number: L5051100

Manufacturer: Biochain Inst., Inc. 39600 Eureka Drive, Newark, CA 94560, USA

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Validation Date: 10/15/2006

MSDS# L5051100

Component/Item (and Parts number if listed)

Components Item	Part Number
1. PCR Mix	L5051100

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

PCR Mix: Irritating to eyes, respiratory system and skin.

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.

Routes of Entry: Skin Absorption (**No**); Dermal/skin contact (**Yes**); Eye contact (**Yes**); Inhalation (**No**); Ingestion (**Yes**); Chronic Exposure (**No**).

Potential Acute Health Effects: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Slightly hazardous in case of skin contact (irritant). Hazardous in case of eye contact (irritant). Slightly hazardous in case of ingestion.

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.

Ingestion: If affected person is conscious, give plenty of water to drink. Seek medical attention. Wash contaminated clothing before reuse.

Section 5. Fire Fighting Measures

Flammability of the Product: Not flammable.

Flash Points: Not available.

Fire Fighting Procedures:

Small Fire: Use DRY chemical powder.

Large Fire: Use water spray, fog or foam. Do not use water hose.

Section 6. Accidental Release Measures

Small Spill and Leak:

Absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Section 7. Handling and Storage

Handling: Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

Storage: store at -20°C and protected from light.

Section 8. Exposure Controls/Personal Protection

Ensure that eyewash stations and safety showers are proximal to the work-station location.

Eyes and Face: Splash goggles.

Body: Lab coat.

Respiratory: Be sure to use NIOSH/MSHA approved respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.

Hands: Gloves.

Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties

Components/Item	Physical state	Color	odor
1. PCR Mix	Liquid	Clear	none

Section 10. Stability and Reactivity

Stability and Reactivity: The product is stable

Incompatibility with Various Substances No decomposition if used according to specifications. No dangerous reactions known.

Section 11. Toxicological Information

Primary Irritant Effects: Harmful if ingested.

On the Eye: Cause eye irritation.

Sensitization: No sensitizing effects known.

Section 12. Ecological Information

Data not yet available.

Section 13. Disposal Considerations

Waste Information:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Hand over to hazardous waste disposers.

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14. Transport Information

Contact BCI for all transport information.

Section 15. Regulatory Information

EINECS: Not available.

European Information: Irritating to eyes, skin, and respiratory system. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Section 16. Other Information

Validated by BCI Administration on 10/31/2005.

Verified by BCI Administration.

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Notice to Reader

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