

Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Common Name: PureSil-Silica

Catalog # L5011001, L5011010

Manufacturer: Biochain Inst., Inc.
39600 Eureka Drive
Newark, CA 94560
USA
510.783.8588 or 1.888.762.2568

Validation Date: 03/31/2017

MSDS#: L50110XXM

Component/Item#

1. PureSil-Silica Magnetic Bead Solution

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

The magnetic bead consists of single-crystal Fe₃O₄ magnetic sphere core and being coated with a silicon dioxide (SiO₂) layer. PureSil-Silica are supplied in purified water

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 BioChain product.

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Ingestion.

Potential Acute Health Effects: none

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. Keep container closed. Wash thoroughly after handling.

Storage: Keep container tightly closed and store in a refrigerator.

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

Component	Physical State	Color	Odor
PureSil-Silica Magnetic Bead Solution	Liquid/Solid Mix	Brown	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 BioChain 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 BioChain Administration on 02/01/2017.

Verified by BioChain Administration

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