

Safety Data Sheet

Section 1. Product and Company Identification

Product Name xMag Streptavidin Microparticles
Catalog # Z5060009
Manufacturer Biochain Institute, Inc.
39600 Eureka Drive
Newark, CA 94560
USA
510.783.8588 or 1.888.762.2568
Email: 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 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: Hazardous in case of eye contact (irritant). Slightly hazardous in case of ingestion. Adverse health effects are not expected from the use of this product.

Carcinogenic Effects: Not listed by NTP, IARC or OSHA.

Mutagenic Effects: N/A

Teratogenic Effects: N/A

Section 3. Composition and Information on Ingredients

Component / Item (and Parts number if listed)
xMag Streptavidin Microparticles

Storage buffer: Contain 0.02% thimerosal may be dangerous.

Section 4. First Aid Measures

Emergency First Aid Procedures:

Skin: Wash exposed skin with mild soap and water.

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

Ingestion: Do not induce vomiting. Give plenty of water to drink. Seek medical attention.

Section 5. Fire Fighting Measures

Flammability of the Product: Keep away from heat, sparks and flame.

Flash Points:

Fire Fighting Procedures:

Small Fire: Use DRY chemical powder or carbon dioxide.

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

Protective Clothing (Fire): Be sure to use an approved/certified respirator or equivalent.

Special Remarks on Fire Hazards: Closed containers exposed to heat may explode. Contact with strong oxidizers may cause fire.

Section 6. Accidental Release Measures

Small Spill and Leak:

Clean with water and mop up, or absorb with an inert dry material.

Section 7. Handling and Storage

Handling: Keep container closed. Wash thoroughly after handling.

Storage: Keep container tightly closed. Keep container at 2–8.

Section 8. Exposure Controls and Personal Protection

Exposure Controls: N/A

Eyes and Face: Splash goggles

Body: Lab coat.

Respiratory Protection: None needed

Hands: Gloves.

Section 9. Physical and Chemical Properties

Component	Physical State and Appearance	Color
xMag Streptavidin Microparticle	Colloid	Brown

Section 10. Stability and Reactivity

Stability and Reactivity: The product is stable under recommended storage and handling conditions.

Incompatibility with Various Substances: Strong Acids, Alkalies and Oxidizers. reactive metals.

Section 11. Toxicological Information**Toxicity to Animals:**

xMag Streptavidin Microparticle	Not available
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Chronic Effects on Humans:

Carcinogenesis Effects: Classified None by NIOSH.

Developmental Toxicity: Classified Reproductive system/toxin/female, Reproductive system/toxin/male.

Other Toxic Effects on Humans:

Hazardous in case of eye contact (irritant). May cause discomfort if swallowed.

Section 12. Ecological Information

The product itself and its products of degradation are not toxic.

Section 13. Disposal Considerations**Waste Information:**

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

Waste Stream: Not available.

Consult your local or regional authorities.

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.