



DATA SHEET

CATALOG NUMBER: SVM-10-10

PRODUCT NAME: SPHERO™ Streptavidin Magnetic Particles, 0.5% w/v, 1.0 - 1.4 μm .

CHEMICAL ABSTRACTS REGISTRY NUMBER AND NAME: None assigned.

FOR FURTHER INFORMATION OR IN EMERGENCY CONTACT THE MANUFACTURER:

Spherotech, Inc.
27845 Irma Lee Circle, Unit 101
Lake Forest, IL 60045-5100 U.S.A.
Tel: (847) 680 - 8922

PHYSICAL CHARACTERISTICS:

Color: Brown

Form: 0.5% w/v suspension of Streptavidin coated Magnetic Particles in Isotonic Buffered Saline with 0.02% Sodium Azide as a preservative.

PHYSICAL HAZARDS: This product is not a flammable liquid as supplied, however, the solid contents are combustible when dry. Sodium Azide can react with copper and lead in the plumbing to form explosive metal azides. If disposed of in the drain, flush the drain with copious amounts of water.

Firefighting methods: Use carbon dioxide or dry chemical extinguishers. An approved self-contained breathing apparatus and protective clothing should be used.

SPECIAL STORAGE CONDITIONS: Store at 2 to 8 °C; do not freeze.

HEALTH HAZARDS: To the best of our knowledge, the health hazards of this product have not been thoroughly investigated.

SAFETY PRECAUTIONS AND CONTROL MEASURES: Potentially harmful if inhaled or ingested. Potential skin and eye irritant. Avoid contact with eyes and skin. Gloves, lab coat, and protective eyewear should be worn when working with this material.

Waste disposal: In case of spillage, clean the area with paper towel and wash thoroughly with soap and water. Small amounts of the material can be disposed of by flushing down the drain. Large amounts of the material should be disposed of by centrifugation to remove the water and disposing the solid contents in the regular waste container.

Clean-up procedure: Wash with soap and water.

EMERGENCY AND FIRST AID PROCEDURES: If skin or eye contact occurs, wash with plenty of water; seek medical advice if necessary. If swallowed, wash mouth out with water and seek medical advice. If inhaled, expose to fresh air. Seek medical advice if breathing problems persist.

This material is for research and experimental applications only. It is not intended for food, drug, household, agricultural, or cosmetic use. All material should be handled only by technically qualified individuals experienced in handling potentially hazardous materials. The above information is correct to the best of our knowledge. The user should make independent decisions regarding completeness of the information based on all sources available. Spherotech, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

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