

Material Safety Data Sheet

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Section 1: Chemical Product and Company Identification

Date Prepared: 12/02/2008
Product: **Superavidin™**
Supplier: Bangs Laboratories, Inc. / A Division of Polysciences, Inc.
9025 Technology Drive
Fishers, Indiana 46038

Section 2: Composition / Information on Ingredients

Immunopure Neutravidin (no hazardous ingredient)

Section 3: Hazard Identification

Routes of Entry: ingestion, inhalation, eye contact
Medical Conditions Aggravated by Exposure: There are no known effects from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate medical conditions.

Section 4: First Aid Measures

Eye Contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used.
Skin Contact: No known effect on skin contact. Rinse with water for a few minutes.
Ingestion: Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing, such as a collar, ties, belt, or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
Inhalation: Allow victim to rest in a well-ventilated area; seek immediate medical attention.

Section 5: Fire-Fighting Measures

Flammability of this Product: combustible
Fire Hazard in Presence of Various Substances: No specific information is available in our database regarding the flammability of this product in the presence of various materials.
Extinguishing Media: small fire: dry chemicals, carbon dioxide, water spray, or foam; large fire: water spray, fog or foam. DO NOT use water jet.
Special Firefighting Procedures: none
Unusual Fire & Explosion Hazards: none

Section 6: Accidental Release Measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

For small spills: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

For large spills: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Handling: The chemical, physical, and toxicological properties of these products may not, as yet, have been thoroughly investigated. Therefore, we recommend the use of gloves, lab coats, and eye protection when working with these or any chemical reagents, as well as access to a safety shower and eyewash.

Storage: Keep container dry and tightly closed. Keep in a cool, well-ventilated area. Ground all equipment containing material. Combustible material should be stored away from extreme heat and strong oxidizing agents.

Section 8: Exposure Controls and Personal Protection

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection in Case of Large Spill: Splash goggles, full suit, boots, and gloves. Suggested protective clothing might not be sufficient; consult a specialist before handling this product.

Wash / Hygienic Practices: Wash with soap and water when leaving work area and before eating, smoking, and using restroom facilities.

Section 9: Physical and Chemical Properties

Boiling Point: n/a
Melting Point: n/a
Specific Gravity: unknown
Solubility: partially soluble in cold water, hot water
Appearance & Odor: white solid; lypholized

Section 10: Stability and Reactivity

Stability: stable
Incompatibilities: No specific information is available in our database regarding the flammability of this product in the presence of various materials.
Hazardous Combustion or Decomposition Products: not available
Hazardous Polymerization: will not occur

Section 11: Toxicological Information

no data

Section 12: Ecological Information

no data

Section 13: Disposal Considerations

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

Section 14: Transport Information

no data

Section 15: Regulatory Information

no data

Section 16: Other Information

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END OF MSDS

