



MATERIAL SAFETY DATA SHEET (MSDS)

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NEB #N7021

SECTION 1—CHEMICAL INFORMATION

Product Name: Streptavidin Cas.# None

SECTION 2—COMPOSITION/INFORMATION ON INGREDIENT

1. Avidin 90% Cas.# 9013-20-1

The ingredients listed in this section include only those items that have more than 1% of a component classified as hazardous and 0.1% of a component classified as carcinogenic. If you have any questions, please contact info@neb.com.

SECTION 3—HAZARDOUS IDENTIFICATION

Emergency Overview: No know OSHA hazards

HMIS and NFPA Ratings: 0 – Minimal or None, 1 – Slight, 2 – Moderate, 3 – Serious, and 4 – Severe

Health: 0
Flammability: 0
Reactivity: 0

SECTION 4—FIRST AID MEASURES

Eyes: May cause eye irritation. Flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating eyelids. Call a physician.

Skin: May be harmful if absorbed through skin. May cause skin irritation. Wash skin with soap and copious amount of water.

Ingestion: May be harmful if swallowed. If the person is conscious, wash out mouth with water. Call a physician.

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

SECTION 5—FIRE FIGHTING MEASURES

Extinguishing Media: Water spray. Carbon dioxide, dry chemical powder or appropriate foam.

Special Fire Fighting Procedures: Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6—ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid dust formation.

Environmental Precautions: Do not let product enter drains.

Methods For Cleaning Up: Sweep up and shovel. Place in covered container for disposal.

SECTION 7—HANDLING AND STORAGE

Handling: Provide appropriate exhaust ventilation.

Storage: Keep tightly closed in a dry and well ventilated place. Store at -20°C .

SECTION 8—EXPOSURE CONTROLS/PPE

Engineering Controls: Contains no substances with occupation exposure limit values

Personal Protective Equipment:

Eye Protection: Safety goggles.

Hand Protection: Compatible resistant gloves.

Respiratory Protection: None required.

Hygiene Measure: General practice, wash (hands and skin) thoroughly after handling. Remove and wash contaminated clothing.

SECTION 9—PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Form: Liquid Color: Clear Odor: None or odorless

<u>Property</u>	<u>Value</u>	<u>Temperature or Pressure</u>
Boiling Point Range:		No Data Available
Melting Point Range:		No Data Available
Flash Point:		No Data Available
Auto Ignition Temp:		No Data Available
Vapor Pressure:		No Data Available
Vapor Density:		No Data Available
Specific Gravity:		No Data Available
Solubility in Water:		No Data Available

SECTION 10—STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

Materials to Avoid: Strong oxidizing agents.

Hazardous Decomposition Products: Hazardous decomposition products formed under fire conditions. Nature of decomposition products not known.

Hazardous Polymerization: Will not occur.

SECTION 11—TOXICOLOGICAL INFORMATION

Acute and Chronic Affects Based On Routes Of Exposure

Acute Exposure No Data Available

Eye Contact: May cause irritation.

Skin Contact: Maybe harmful if absorbed through skin. May cause irritation.

Ingestion: Maybe harmful if swallowed.

Inhalation: Maybe harmful if inhaled. May cause respiratory tract irritation.

Chronic Exposure

Target Organ(s): None

Aggravation of Pre-existing Conditions: None

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen.

IARC: No component of this product present at levels greater than or equal to 0.1 % is identified as probable, possible or confirmed human carcinogen.

ACGIH: No component of this product present at levels greater than or equal to 0.1 % is identified as a known or suspected human carcinogen or confirmed animal with unknown relevance humans.

SECTION 12—ECOLOGICAL INFORMATION

No Data Available

SECTION 13—DISPOSAL CONSIDERATIONS

Dispose of container, unused contents and contaminated packaging in accordance with federal, state and local requirement. Contract with a licensed Chemical Waste Disposal Service.

SECTION 14—TRANSPORT INFORMATION

This product is not dangerous and no special precautions are needed according to DOT, ADR/RID (cross border), IMDG and IATA/ICAO.

SECTION 15—REGULATORY INFORMATION

OSHA Hazards: None known.

US Classification and Label Test

US Statements: Caution. Avoid contact and inhalation.

United States Regulatory Information:

Sara Listed: No

TSCA Inventory Item: No

Canada Regulatory Information

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

DSL: No

NDSL: No

EU Additional Classification

S: 23 24/25

Safety Statements: Do not breath vapor. Avoid contact with skin and eyes.

SECTION 16—OTHER INFORMATION

DISCLAIMER

The information provided on the MSDS is furnished in good faith and based on our present knowledge. However, this MSDS shall not constitute a guarantee of any kind. Personnel handling this material must make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of this material and the safety and health of employees and customers. NEB assumes no additional liability or responsibility resulting from the use of, or reliance on this information. This product is for R&D use only. Not for drug, household or other uses.

Questions about the information found on this MSDS should be directed to info@neb.com.