

Tetanolysin: sc-222345



MATERIAL SAFETY DATA SHEET

Section 1: Product and Company Identification

PRODUCT NAME: Tetanolysin

CATALOG CODE: sc-222345

CAS NUMBER: 61614-31-1

SUPPLIER: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800

EMERGENCY: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

Section 2 : Health Hazard Data

Acute Health Effects: Maybe harmful if ingested, inhaled or absorbed through the skin. Do not handle the product in it's powdered form. To the best of our knowledge, the toxicological properties of this protein have not been fully investigated. Exercise appropriate precautions to prevent opportunities for inhalation, and to prevent direct contact with skin and eyes. Exercise caution when working with this product in conjunction with hypodermic needles, avoid accidental injection. All uncharacterized chemicals should be treated as suspected toxins.

Chronic Health Effects: unknown

Target Organ(s): Heart

Section 3 : First Aid Measures

Eye Contact: Check for and remove contact lenses. Flush eyes with running water for at least 15 minutes separating eyelids. Seek medical attention immediately.

Skin Contact: Wash with soap and water for 15 minutes. Remove contaminated clothing and shoes. Seek medical attention immediately.

Inhalation: Remove from exposure. If breathing is difficult, administer oxygen. If breathing stops, administer artificial respiration. Seek medical attention immediately. Provide chemical label and MSDS if possible.

Ingestion: Remove dentures and clear mouth. If person is conscious, rinse mouth with water. Call physician or poison control immediately. Provide chemical label and MSDS information if possible.

Section 4 : Fire and Explosion Data

Flammability: Not Flammable

Flash Point: Not Available

Combustion Products: Not Available

Extinguishing Media: Carbon Dioxide, Dry chemical powder, polymer foam, water spray

Special Firefighting Procedures: Use self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire/Explosion Hazards: None known

Section 5 : Spill or Leak Procedures

Cleanup Procedures: Wearing appropriate protective gear as outlined under "Protective equipment" wipe up spill; place in sealed container, autoclave, and hold for disposal. If solid is spilled, cover immediately with a damp cloth to prevent airborne dust. Ventilate the area and wash spill site with 5% bleach after material has been removed.

Waste Disposal Method: Observe all Federal, State and Local regulations concerning the disposal of this product.

Section 6 : Storage and Handling Precautions

Protective Equipment: For spill clean up, wear suitable protective clothing, chemical resistant rubber gloves, rubber boots, and chemical safety goggles. Self contained breathing apparatus or NIOSH/MSHA approved respirator is recommended.

Storage and Handling: This product should be stored at 4°C. It should be kept in a tightly closed container. This material should not be handled in it's solid form. This product should be handled only by qualified experienced professionals. Wash thoroughly after handling this material.

Section 7 : Physical Data

Appearance	Lyophilized solid	Odor	Not Available
Molecular Weight	55 kDa	Taste	Not Available
Boiling Point	Not Available	Melting Point	Not Available
Solubility	Water	Vapor Density	Not Available
Specific Gravity	Not Available	Vapor Pressure	Not Available
Volatility	Not Available		

Section 8 : Stability and Reactivity Data

Stability: This material is stable if stored as directed

Conditions to Avoid: None known

Incompatibles: Not Available

Section 9 : Toxicity Data

RTECS#: Not Available

Microgram quantities have been reported to be lethal for mice, rabbits and other laboratory animals. Specific toxicity data is not available.

Section 10 : Ecological Data

Ecotoxicological Information: None Available

Section 11: Other Information

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

7/16/2012