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SAFETY DATA SHEET

Section 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product identifiers

Product Name: μ-Conotoxin PIIIA
Catalogue Number: STC-400
Synonyms: μ-Conotoxin P3.7

Relevant identified uses of the substance or mixture and uses advised against

Laboratory chemicals, synthesis of substances. For research purposes only. Not for human or veterinary use.

Details of the supplier of the safety data sheet

Company:	Alomone Labs Jerusalem BioPark (JBP) PO Box 4287 Jerusalem 9104201 Israel	Telephone: Fax: Internet: E-mail:	+972-2-587-2202 +972-2-587-1101 www.alomone.com info@alomone.com

Emergency telephone number

Telephone: +972-2-587-2202 (Sun-Thu 08.00-18.00 IST)

Section 2. HAZARDS IDENTIFICATION

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

CAS Number: N/A.
Molecular Formula: $C_{103}H_{165}N_{40}O_{28}S_6$
Molecular Weight: 2604 Da.

Section 4. FIRST AID MEASURES

Description of first aid measures

In all cases of exposure, obtain medical advice.
Inhalation: Remove to fresh air and monitor breathing. If breathing becomes difficult give oxygen. If breathing stops give artificial respiration.
Skin Contact: Wash off immediately with plenty of water while removing all contaminated clothing. Wash before reuse.
Eye Contact: Hold eyelids apart and flush eyes with plenty of water.
Ingestion: Rinse mouth with plenty of water. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Indication of any immediate medical attention and special treatment needed

No data available.

Section 5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of toxic and corrosive gases/vapors.

Precautions for fire-fighters

Wear self-contained breathing apparatus for firefighting and protective clothing to prevent contact with skin and eyes.

Section 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Do not take action without suitable protective clothing. Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid dust formation. Avoid breathing vapors, mist or gas.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Containment and clean-up methods and materials

Cover liquid spill with sand, earth or other non-combustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7. HANDLING AND STORAGE

Precautions for safe handling

Keep away from heat. Keep away from source of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Avoid contact with skin. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid the formation and inhalation of dust/fumes. If ingested, seek medical advice immediately and show the container or the label.

Conditions for safe storage

Keep container tightly closed. Keep container in a cool, well-ventilated area. Keep away from direct sunlight. Do not store above -20ºC (-4ºF).

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Contains no substances with occupational exposure limit values.

Engineering controls

Ensure adequate ventilation, especially in confined areas. Use in a fume hood where applicable. Ensure laboratory is equipped with a safety shower and eye wash station. General industrial hygiene practice.

Personal protective equipment

Eye/face: Safety goggles.
Skin: Chemical resistant gloves. Gloves should be inspected before use. Wash and dry hands thoroughly after handling.
Body: Wear appropriate protective clothing. Remove and wash contaminated clothing before re-use.
Respiratory protection: Use a suitable respirator as conditions warrant.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid.
Density: Not available.
Explosive properties: Not available.
Flash point: Not available.
Odour: Not available.
pH: Not available.
Viscosity: Not available.
Solubility: Any aqueous buffer.

Section 10. STABILITY AND REACTIVITY

Reactivity

Not available.

Stability

Stable under normal conditions.

Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

Conditions to avoid

Not available.

Incompatible materials

Strong acids/alkalis, strong oxidising/reducing agents.

Hazardous combustion or decomposition products

May emit toxic gases upon thermal decomposition. Carbon monoxide (CO). Carbon dioxide (CO_2). Nitrogen oxides (NO_x). Sulfur oxides.

Section 11. TOXICOLOGICAL INFORMATION

May be harmful if inhaled, swallowed or absorbed through skin. May cause eye irritation. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Section 12. ECOLOGICAL INFORMATION

May be harmful to the aquatic environment. No further data available.

Section 13. DISPOSAL CONSIDERATIONS

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

Section 14. TRANSPORT INFORMATION

Contact Alomone Labs company for transportation information.

Section 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Section 16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and should be used as a guide only for experienced personnel. Always consult your safety advisor and follow local and national safety legislation. The absence of warning may not, under any circumstances, be taken to mean that no hazard exists. Alomone Labs disclaims all liability for any damage resulting from use of this material.

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