SAFETY DATA SHEET

CHEMICAL IDENTIFICATION
Catalogue Number: STA-500
Product Name: ω-Agatoxin IVA

COMPOSITION/INFORMATION ON INGREDIENTS
CAS No.: 145017-83-0.
Molecular Formula: C_{217}H_{360}N_{68}O_{60}S_{10}.
Molecular Weight: 5202 Da.

HAZARDS IDENTIFICATION
This substance does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008.
The product does not need to be labelled in accordance with EC directives or respective national laws.

FIRST AID MEASURES
Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.
Inhalation: Remove to fresh air and monitor breathing. If breathing becomes difficult, give oxygen. If breathing stops, give artificial respiration. Consult a doctor.
Ingestion: Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Consult a doctor.
Skin Contact: Immediately wash skin with copious amounts of soap and water for at least 15 minutes. Remove contaminated clothing and shoes and wash before reuse. Consult a doctor.
Eye Contact: Flush with copious amounts of water for at least 15 minutes. Consult a doctor.

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

FIRE FIGHTING MEASURES
Extinguishing Media:
Suitable: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special Hazards: In combustion, may emit toxic fumes.

Protection of Fire-Fighters: Wear suitable protective clothing to prevent contact with skin and eyes and self-contained breathing apparatus.

ACCIDENTAL RELEASE MEASURES
Personal precautions: Do not take action without suitable protective clothing. Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid breathing vapors, mist, dust or gas.
Environmental Precautions: Do not let product enter drains.
Spill and Leak: Cover spillage with suitable absorbent material. Using non-spark tools, sweep up material and place in an appropriate container. Decontaminate spill site with 10% caustic solution and ventilate area until after disposal is complete.

HANDLING AND STORAGE
Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above -20°C (-4°F).
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. If ingested, seek medical advice immediately and show the container or the label.

EXPOSURE CONTROLS / PERSONAL PROTECTION
Control Parameters: Contains no substances with occupational exposure limit values.
Engineering Controls: Use in a fume hood where applicable. Ensure laboratory is equipped with a safety shower and eye wash station.

Personal Protective Equipment:
Eyes and Face: Use appropriate safety glasses.
Skin: Use appropriate chemical resistant gloves. Gloves should be inspected before use. Wash and dry hands thoroughly after handling.
Body: Wear appropriate protective clothing.
Respiratory System: If risk assessment indicates necessary, use a suitable respirator.

PHYSICAL AND CHEMICAL PROPERTIES
Physical state: Solid.
Density: Not available.
Flash point: Not available.
Explosive properties: Not available.
Solubility: Easily soluble in water.

STABILITY AND REACTIVITY
Stability: The product is stable.
Possible 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: Heat and Moisture.
Incompatible Materials: Strong acids/alkalis, strong oxidising/reducing agents.
Hazardous Decomposition Products: In combustion may emit toxic fumes. No known decomposition information.

TOXICOLOGICAL INFORMATION
Acute Toxicity: ISP-MUS TDLo: 2.74ug/kg.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.
Ingestion: There may be irritation of the throat.
Skin: There may be mild irritation at the site of contact.
Eyes: There may be irritation and redness.
Exposure may cause irritation of eyes, mucous membranes, upper respiratory tract and skin.
To the best of our knowledge, the chemical, physical and toxicological properties have not been fully investigated.

ECOLOGICAL INFORMATION
Ecotoxicity: Not available.
May be harmful to the aquatic environment.

DISPOSAL CONSIDERATIONS
Methods of disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

TRANSPORT INFORMATION
Contact Alomone Labs company for transportation information.

REGULATORY INFORMATION
This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010.
A Chemical Safety Assessment has not been made for this product.

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.

Last modified: January 7, 2018