

Material Safety Data Sheet

according to EC-Regulation No. 1907/2006

updated: 08/2011

Version: 2.0



Section I - Product and Company Information

Product Name	Alpha-Bungarotoxin (from Bungarus multicinctus)
Product Number	PK-CA707-00010; PK-CA707-00010-1
Company and Contact Information	PromoCell GmbH Sickingenstrasse 63/65 69126 Heidelberg Germany Phone : +49 6221 649 34 0 E-mail : info@promokine.info

Section II - Potential Hazards Information

Emergency Overview: May be absorbed through skin and irritating to eyes, skin and respiratory system. **Handle with care - substance has not been fully tested.**

Inhalation:	Not determined.
Ingestions:	Not determined.
Skin:	See Emergency Overview.
Eyes:	See Emergency Overview.
Chronic Exposures:	Not determined.
Target Organs:	Not determined.

Section III - Formulation and Ingredients Information

Molecular Formula	C ₃₃₈ H ₅₂₉ N ₉₇ O ₁₀₅ S ₁₁
Molecular Weight	7984 Da
CAS Number	[11032-79-4]

Section IV - First Aid Measures

Potentially harmful; avoid prolonged or repeated exposure. Wash hands thoroughly after handling. If eye or skin contact occurs, wash affected areas with water for 15 minutes and seek medical advice. If inhaled, move individual to fresh air and seek medical advice. If swallowed, seek medical advice.

Section V - Fire-Fighting Measures

Use carbon dioxide, dry chemical extinguishers, foam extinguishers or water. An approved self-contained breathing apparatus and protective clothing are recommended.

Section VI - Accidental Release Measures

Use appropriate protective equipment and methods to clean up spilled substance promptly. Absorb spill onto an appropriate material. Collect and dispose of all waste in accordance with applicable laws.

Section VII - Handling and Storage

Freezer storage recommended (-20°C). Desiccation recommended. Protect from long-term light exposure.

Section VIII - Personal Protection and Exposure Control Information

Gloves, protective clothing and eyewear should be worn and safe laboratory practices followed.
ACGIH/OSHA Permissible Exposure Limit Data: Not determined

Section IX - Physical and Chemical Properties

Form:	White, colorless solid
Solubility in Water:	Moderate
Odor:	Not determined.
Specific Gravity:	Not determined.

pH:	Not determined
Boiling Point:	Not determined.
Melting Point:	Not determined.
Flash Point:	Not determined.
Vapor Pressure:	Not determined.

Section X - Chemical Stability and Reactivity

Thermal Decomposition:	No decomposition if used according to specifications
Dangerous Reactions:	No dangerous reactions identified.
Dangerous Products of Decomposition:	No dangerous decomposition products identified

Section XI - Toxicological Data

RTECS Number:	E16201600
Toxicity:	LD ₅₀ : 300 µg/kg, intramuscular, mouse; LD ₅₀ : 210 µg/kg, subcutaneous, mouse.
Health Hazards:	See Toxicity and Hazards above.
Potential Hazards:	Highly toxic.
Carcinogenicity:	Not listed by NTP, IARC or OSHA

Section XII - Ecological Information

Do not allow product to reach ground water, water course or sewage system.

Section XIII - Disposal

Consult local, state or national regulations for proper disposal.

Section XIV - Transport Information

Hazards Class:	Toxic
Identification Number:	UN2811
Packing Group:	II
Proper Shipping Name (Technical Name):	Toxic solid, organic, n.o.s., (bungarotoxin), 6.1

Section XV - Classification and Regulatory Information

EEC EINECS Number:	Not identified-
EEC Risk Statements:	None identified.
Other Country Regulations:	None identified.
US Toxic Substances Control Act (TSCA):	Not listed.
US Other:	Not applicable.

Section XVI - Other Information / Disclaimer

This material is sold for research purposes only. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. The above information is correct to the best of our knowledge. Users should make independent decisions regarding completeness of the information based on all sources available. PromoCell GmbH shall not be held liable for any damage resulting from handling or contact with the above product.