

## Material Safety Data Sheet

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Date updated	07/01/2008

### Section 1-Product Information

Product name	BAM-12P
Product Cat. No.	RP10422

### Section 2-Composition / Information on Ingredients

Substance/Preparation:	Substance
Ingredient Name	BAM-12P
CAS No.	75513-71-2
SARA 313	No
Formula	C <sub>62</sub> H <sub>97</sub> N <sub>21</sub> O <sub>16</sub> S <sub>1</sub>

### Section 3- Hazards Identification

#### Emergency Overview

Caution

Target organ(s): Central nervous system.

For additional information on toxicity, please refer to Section 11.

### Section 4- First Aid Measures

Oral Exposure	If swallowed, wash out mouth with water provided person is conscious. Call a physician.
Inhalation Exposure	If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
Dermal Exposure	In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.
Eye Exposure	In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

### Section 5- Fire Fighting Measures

Flash Point	Not available
Autoignition Temp	Not available
Flammability	Not available
Extinguishing Media Suitable	Carbon dioxide, dry chemical powder, or appropriate foam. Water spray
Fire Fighting Protective Equipment	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### Section 6- Accidental Release Measures

Procedure(s) of Personal Precaution(s)	Wear protective equipment.
Methods for Cleaning up	Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

### Section 7-Handling and Storage

Handling	
User Exposure	Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.
Storage	
Suitable	
Storage at -20°C	Keep tightly closed

## Section 8-Exposure Controls/Personal Protection Equipment

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Engineering Controls	Mechanical exhaust required
Personal Protective equipment	
Respiratory	Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks.
Hand	Compatible chemical-resistant gloves
Eye	Chemical safety goggles
General Hygiene Measures	Wash thoroughly after handling

## Section 9- Physical and Chemical Properties

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Appearance	
Physical State	Solid
Property	
Molecular Weight	1424.63 AMU
pH	Not available
BP/BP Range	Not available
MP/MP Range	Not available
Freezing Point	Not available
Vapor Pressure	Not available
Vapor Density	Not available
Saturated Vapor Conc.	Not available
SG/Density	Not available
Bulk Density	Not available
Odor Threshold	Not available
Volatile%	Not available
VOC Content	Not available
Water Content	Not available
Solvent Content	Not available
Evaporation Rate	Not available
Viscosity	Not available
Surface Tension	Not available
Partition Coefficient	Not available
Decomposition Temp.	Not available
Flash Point	Not available
Explosion Limits	Not available
Flammability	Not available
Autoignition Temp	Not available
Refractive Index	Not available
Optical Rotation	Not available
Miscellaneous Data	Not available
Solubility	Solubility in water

## Section 10- Stability and Reactivity

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Stability	
Stable	Stable
Hazardous Decomposition Products	
Hazardous Decomposition Products	Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulfur oxides.
Hazardous Polymerization	
Hazardous Polymerization	Will not occur

## Section 11- Toxicological Information

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Route of Exposure	
Multiple Routes	May be harmful by inhalation, ingestion, or skin absorption.
Signs and Symptoms of Exposure	Although the physiological role of the enkephalins has not been completely elucidated, they are known to block inhibitory pathways in the vertebrate CNS and their possible effects on pain perception, addictive states, and psychiatric disorders have been investigated.
Conditions Aggravated by Exposure	The toxicological properties have not been thoroughly

investigated.

## Section 12- Ecological Information

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No data available.

## Section 13- Disposal Considerations

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Appropriate Method of Disposal of Substance or Preparation	Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.
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## Section 14- Transport Information

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DOT

Proper Shipping Name	None
Non-Hazardous for Transport	This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air Transport	Non-hazardous for air transport
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## Section 15- Regulatory Information

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US Classification and Label Text

US Statements	Caution: Target organ(s): Central nervous system
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United States Regulatory information

SARA Listed	No
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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.
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DSL	No
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NDSL	No
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## Section 16- Other Information

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GenScript corporation MSDS is believed to be correct but only used as a guide for experienced personnel, GenScript shall not be held liable for any damage resulting from the handling or from contact with the above product.