

606200

BACHEM

Revision: 09.11.2011 Printing date: 07.07.2016

<ul> <li>Trade name: (D-Arg1D-Phet/D-Trp**Leu*)-Substance P</li> <li>Article number: new: 4013823 ot: H-6935</li> <li>CAS Number: 98736-12-8</li> <li>Relevant identified uses of the substance or mixture and uses advised against</li> <li>Application of the substance / the preparation Laboratory chemicals</li> <li>Details of the supplier of the safety data sheet</li> <li>Manufacturer/Supplier: Bachem AG Hauptstrasse 144 CH-4416 Bubendorf Swtzerland</li> <li>Further information obtainable from: Department: Marketing</li> <li>Emergency telephone number: +4144 251 51 51 (Tox Info Suisse)</li> </ul> 2 Hazards identification <ul> <li>Classification according to Regulation (EC) No 1272/2008 Void</li> <li>Label elements</li> <li>Label elements</li> <li>Label elements</li> <li>Void</li> <li>Signal word Void</li> <li>Other hazards</li> <li>Results of PPT and vPvB assessment</li> <li>PRST: Not applicable.</li> </ul>	•	Product identifier
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• vPvB:	•	



- CAS No.
   Description

   96736-12-8
   (D-Arg<sup>1</sup>,D-Phe<sup>5</sup>,D-Trp<sup>7,9</sup>,Leu<sup>11</sup>)-Substance P

   Identification number(s)
- EC number:
- RTECS Number:



# Safety data sheet according to 1907/2006/EC, Article 31

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# PRODUCT : (D-Arg<sup>1</sup>,D-Phe<sup>5</sup>,D-Trp<sup>7,9</sup>,Leu<sup>11</sup>)-Substance P

04 First aid measures

After inhalation:
Supply fresh air; consult doctor in case of complaints.

- After skin contact: Immediately wash with water and soap and rinse thoroughly.
  After eye contact:
- Rinse opened eye for several minutes under running water.
- After swallowing:
- Call a doctor immediately.
- Information for doctor:
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed No further relevant information available.

### 05 Firefighting measures

Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Special hazards arising from the substance or mixture

- No further relevant information available.
- · Advice for firefighters
- Protective equipment:
- No special measures required.

## 06 Accidental release measures

 Personal precautions, protective equipment and emergency procedures Not required.

Environmental precautions:

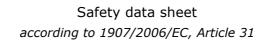
- No special measures required.
- Methods and material for containment and cleaning up: Pick up mechanically.

#### 07 Handling and storage

- · Handling:
- Precautions for safe handling Prevent formation of dust.
- Information about fire and explosion protection: No special measures required.
- Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Store away from foodstuffs.
- Further information about storage conditions: Store in dry conditions.
- Recommended storage temperature:
- -20 +/- 5 °C
   Specific end use(s)
- No further relevant information available.

(Contd. on page 3)





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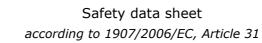
**BACHEM** 

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	(Contd. of page 2
08 Exposi	re controls/personal protection
<ul> <li>Ingredie</li> </ul>	nts with limit values that require monitoring at the workplace:
CAS No. Not requ	Designation of material red.
	al information:
	valid during the making were used as basis. Il protective equipment:
	protective equipment.
	I precedute and hygerine measures.
	tory protection:
	f brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained ry protective device.
	ble respiratory protective device in case of insufficient ventilation.
	on of hands:
Due to r	e material has to be impermeable and resistant to the product/ the substance/ the preparation. issing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. of the glove material on consideration of the penetration times, rates of diffusion and the degradation e gloves
<ul> <li>Materia</li> </ul>	of gloves
manufac	ction of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from ourer to manufacturer.
	tion time of glove material t break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

General Information	
Appearance:	
Form:	Lyophilisate
Colour:	White
Odour:	Nearly odourless
Odour threshold:	Not determined.
Molecular Weight	1.516,8600 g/mol
Change in condition	
Boiling point/Boiling range:	Undetermined.
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	
Decomposition temperature:	Not determined.
Self-igniting:	Not determined.
Danger of explosion:	Not determined.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure:	Not determined.
Density:	Not determined.
Solubility in / Miscibility with	
water:	at 25 °C 1,00 g/l
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.





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# PRODUCT : (D-Arg<sup>1</sup>,D-Phe<sup>5</sup>,D-Trp<sup>7,9</sup>,Leu<sup>11</sup>)-Substance P

#### 10 Stability and reactivity

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions No dangerous reactions known.
- Conditions to avoid
- No further relevant information available.
- Incompatible materials:
- No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known.

#### 11 Toxicological information

- Acute toxicity: No further relevant information available.
- Primary irritant effect:
- · on the skin:
- No further relevant information available.
- on the eye:
- No further relevant information available. • Sensitization:
- No sensitizing effects known.
- Additional toxicological information:
- The substance is not subject to classification according to the latest version of the EU lists.

### 12 Ecological information

- Acquatic toxicity:
- No further relevant information available.Persistence and degradability
- Persistence and degradability
- No further relevant information available.
- Behaviour in environmental systems:
   Bioaccumulative potential
- No further relevant information available.
- Mobility in soil
- No further relevant information available.
- Additional ecological information:
- General notes: Not known to be hazardous to water.
- · Results of PBT and vPvB assessment
- PBT:
- Not applicable.
- vPvB:
- Not applicable.
- Other adverse effects
- No further relevant information available.

# 13 Disposal considerations

- · Waste treatment methods
- Waste disposal key: 18 02 06
- Uncleaned packaging:
- Recommendation:
  - Disposal must be made according to official regulations.



# Safety data sheet according to 1907/2006/EC, Article 31

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14 Transport information         ADR/RID class:       .         MDG Class:       .         ICAO/IATA Class:       .         IST CAO/IATA Class:       .         IST CAO/IATA Class:       .         IST ransport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.         Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.         15 Regulatory information         • National regulations:         • Waterhazard class:         Generally not hazardous for water. Self-assessment         • Chemical Safety assessment:         • Chemical Safety assessment has not been carried out.         16 Other information         This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.         • Department issuing MSDS:         Department issuing MS	14 Tran	(Contd. of page 4)
IMDG Class:       -         ICAO/IATA Class:       -         Environmental hazards:       Not applicable.         Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code         Not applicable.         Image: Control (Control (Contro) (Control (Control (Contro) (Control (Cont	14 1101	sport information
ICAO/ATA Class:     Environmental hazards:     Not applicable.     Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code     Not applicable.     Not applicable.      IS Regulatory information     National regulations:     Waterhazard class:     Generally not hazardous for water.Self-assessment     Vaterhazard class:     Generally not hazardous for water.Self-assessment     A Chemical Safety Assessment is     A Chemical Safety Assessment has not been carried out.      This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features     and shall not establish a legally valid contractual relationship.      Department issuing MSDS:     Department international concernant le transport des marchandises dangereuses par Route (European Agreement concerning the Internation     Carriage of Dangerous Goods by Read)     RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the     International Karitime Code for Dangerous Goods     KA: International Karitime Code for Dangerous Goods     KA: International Karitime Code for Dangerous Goods	ADR/F	ID class:
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• \* Data compared to the previous version altered.