

1831300

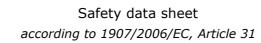
BACHEM

Revision: 25.05.2016 Printing date: 07.07.2016

•	Product identifier
	Trade name:
	Ac-Arg-Ser-Leu-Lys-AMC trifluoroacetate salt
	Article number:
	new: 4053569 old: I-1970
	CAS Number:
	259176-76-6
•	Relevant identified uses of the substance or mixture and uses advised against
	Application of the substance / the preparation
	Laboratory chemicals
•	Details of the supplier of the safety data sheet
•	Manufacturer/Supplier:
	Bachem AG
	Hauptstrasse 144 CH-4416 Bubendorf
	Switzerland
	E-mail msds@bachem.com
	Tel +41 58 595 2021
	Fax +41 58 595 2040
	Further information obtainable from:
	Department: Marketing
	Emergency telephone number:
	+41 44 251 51 51 (Tox Info Suisse)
	lazards identification
	Classification of the substance or mixture
	Classification according to Regulation (EC) No 1272/2008 Void
	Label elements
	Labelling according to Regulation (EC) No 1272/2008
	Void
	Signal word Void
	Void Hazard statements
	Void
•	Other hazards
	Results of PBT and vPvB assessment
	PBT:
	Not applicable.
	vPvB: Not applicable.

- CAS No.
- Description Ac-Arg-Ser-Leu-Lys-AMC trifluoroacetate salt 259176-76-6
- Identification number(s)
- EC number:
- RTECS Number:
- GB





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04 First aid measures	(Contd. of page
Description of 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 eve contact:	
Rinse opened eye for several minutes under running water.	
After swallowing:	
Call a doctor immediately.	
Information for doctor:	
<ul> <li>Most important symptoms and effects, both acute and delayed</li> </ul>	
No further relevant information available.	
<ul> <li>Indication of any immediate medical attention and special treatment needed</li> </ul>	
No further relevant information available.	

- · Extinguishing media
- · 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.

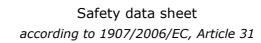
#### 06 Accidental release measures

- 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.
- Reference to other sections

#### 07 Handling and storage

- Handling:
- Precautions for safe handling Prevent formation of dust.
- Information about fire and explosion protection: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- · 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: Protect from exposure to the light. Store in dry conditions.
- Recommended storage temperature:
- < -15 °C Specific end use(s)
- No further relevant information available.





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	(Contd. of page 2
08 Exposure con	trols/personal protection
Control paramet	ers
<ul> <li>Ingredients with</li> </ul>	limit values that require monitoring at the workplace:
CAS No.	Designation of material
Not required.	
<ul> <li>Additional inform</li> </ul>	nation:
	ng the making were used as basis.
Exposure contro	ls
<ul> <li>Personal protect</li> </ul>	live equipment:
<ul> <li>General protecti</li> </ul>	ve and hygienic measures:
•	ionary measures are to be adhered to when handling chemicals.
<ul> <li>Respiratory prot</li> </ul>	
In case of brief ex	posure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained
respiratory protect	
	ratory protective device in case of insufficient ventilation.
<ul> <li>Protection of har</li> </ul>	
•	has to be impermeable and resistant to the product/ the substance/ the preparation.
•	ts no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Protective gloves	ove material on consideration of the penetration times, rates of diffusion and the degradation
<ul> <li>Material of gloves</li> </ul>	
0	s e suitable gloves does not only depend on the material, but also on further marks of quality and varies from
manufacturer to m	
Penetration time	
	rough time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eve protection:	
Safety glasses	

### 09 Physical and chemical properties

Information on basic physical and che General Information	
Appearance:	
Form:	Lyophilisate
Colour:	White
Odour:	Nearly odourless
Odour threshold:	Not determined.
pH-value:	Not determined.
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 25,00 g/l
Viscosity:	



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

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PRODUCT : Ac-Arg-Ser-Leu-	Ac-Arg-Ser-Leu-Lys-AMC trifluoroacetate salt		
		(Contd. of page 3)	
Dynamic:	Not determined.		
Kinematic:	Not determined.		
Other information	No further relevant information available.		

## 10 Stability and reactivity

- Reactivity
- Chemical stability
- 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

- · Information on toxicological effects
- 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 sensitising effects known.
- Additional toxicological information: The substance is not subject to classification according to the latest version of the EU lists.

#### 12 Ecological information

- Toxicity
- Aquatic toxicity:
- No further relevant information available. 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.



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

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PRODUCT : Ac-Arg-Ser-Leu-Lys-Al	AC trifluoroacetate salt	
<b>·</b> · ·		(Contd. of page 4)
13 Disposal considerations		
Waste treatment methods		
<ul> <li>Waste disposal key:</li> </ul>		
18 02 06		
<ul> <li>Uncleaned packaging:</li> </ul>		
Recommendation:		
Disposal must be made according to office	ial regulations.	
14 Transport information		
• UN-Number		
ADR	Void	
IMDG	Void	
ΙΑΤΑ	Void	
<ul> <li>UN proper shipping name ADR</li> </ul>	Void	
ADR IMDG	Void	
IATA	Void	
<ul> <li>Transport hazard class(es)</li> </ul>	Void	
ADR		
Class	Void	
IMDG		
Class	Void	
ΙΑΤΑ		
Class	Void	
Packing group		
ADR	Void	
IMDG	Void	
ΙΑΤΑ	Void	
<ul> <li>Environmental hazards:</li> </ul>		
Not applicable.		
<ul> <li>Transport in bulk according to Anne: Not applicable.</li> </ul>	II of MARPOL73/78 and the IBC Code	
Transport/Additional information:		

### 15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture

- · National regulations:
- · Waterhazard class:
- Generally not hazardous for water.Self-assessment
- Chemical safety assessment:
- A 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: Marketing

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

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Abbreviations and acronyms:
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the Internationa Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organisation
ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
RTECS: Registry of Toxic Effects of Chemical Substances
WGK: Wassergefährdungsklasse
vPvB: very Persistent and very Bioaccumulative