

1744300

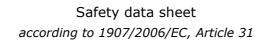
BACHEM

Revision: 16.11.2015 Printing date: 07.07.2016

•	Product identifier
• -	Frade name:
I	H-Ser-Ile-Gly-Ser-Leu-Ala-Lys-OH trifluoroacetate salt
• ,	Article number:
I	new: 4051150 old: H-7706
• (	CAS Number:
	15918-58-6
•	Relevant identified uses of the substance or mixture and uses advised against
	Application of the substance / the preparation
I	aboratory 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
-	Fel +41 58 595 2021
I	Fax +41 58 595 2040
	Further information obtainable from:
I	Department: Marketing
	Emergency telephone number:
	+41 44 251 51 51 (Tox Info Suisse)
2 H	azards identification
• (	Classification of the substance or mixture
	Classification according to Regulation (EC) No 1272/2008
	/oid
	abel elements
	Labelling according to Regulation (EC) No 1272/2008 /oid
	Signal word
	/oid Hazard statements
	/oid
• (	Other hazards
•	Results of PBT and vPvB assessment
	PBT:
	Not applicable.
1	Not applicable.

- Chemical characterization: Substances
- CAS No.
- **Description** H-Ser-Ile-Gly-Ser-Leu-Ala-Lys-OH trifluoroacetate salt 115918-58-6
- Identification number(s)
- EC number:
- RTECS Number:





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	(Contd. of page
4 First aid measures	
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 eye 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.	

#### 05 Firefighting measures

- · 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.

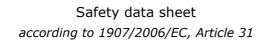
#### 06 Accidental release measures

- 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: 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)
8 Exposure contro	ols/personal protection		
Control parameters			
<ul> <li>Ingredients with lim</li> </ul>	t values that require monitoring at the w	/orkplace:	
CAS No.	Designation of material		
Not required.	5		
Additional information	on:		
The lists valid during t	he making were used as basis.		
Exposure controls			
<ul> <li>Personal protective</li> </ul>	equipment:		
<ul> <li>General protective and the second seco</li></ul>	and hygienic measures:		
The usual precautiona	ry measures are to be adhered to when han	dling chemicals.	
<ul> <li>Respiratory protect</li> </ul>	on:		
		ce. In case of intensive or longer exposure use self-conta	ained
respiratory protective			
	ry protective device in case of insufficient ver	ntilation.	
Protection of hands	-		
•	s to be impermeable and resistant to the proc	be given for the product/ the preparation.	nivturo
•	material on consideration of the penetration f	• • • • •	lixture.
Protective gloves			
<ul> <li>Material of gloves</li> </ul>			
5	uitable gloves does not only depend on the m	naterial, but also on further marks of quality and varies fro	om
manufacturer to manu	facturer.		
Penetration time of	glove material		
The exact break throu	gh time has to be found out by the manufact	urer of the protective gloves and has to be observed.	
<ul> <li>Eye protection:</li> </ul>			
Safety glasses			

## 09 Physical and chemical properties

Information on basic physical and che	emical properties	
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 ℃ 1,00 g/l	
Viscosity:		



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

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PRODUCT : H-Ser-Ile-Gly-Ser-Leu-Ala-Lys-OH 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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RODUCT : H-Ser-lle-Gly-Ser-Leu-A	a-Lys-OH trifluoroacetate salt	
		(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 officia	l regulations.	
14 Transport information		
UN-Number		
ADR	Void	
IMDG	Void	
ΙΑΤΑ	Void	
UN proper shipping name		
ADR	Void	
IMDG IATA	Void Void	
	vola	
<ul> <li>Transport hazard class(es)</li> </ul>		
Class	Void	
IMDG		
Class	Void	
ΙΑΤΑ		
Class	Void	
Packing group		
ADR	Void	
IMDG	Void	
ΙΑΤΑ	Void	
<ul> <li>Environmental hazards:</li> </ul>		
Not applicable.	I of MARPOI 73/78 and the IPC Code	
Transport in bulk according to Annex     Not applicable.		
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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• Ab	bbreviations and acronyms:
AD	DR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the Internationa
Ca	arriage of Dangerous Goods by Road)
RI	ID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the
Int	ternational Transport of Dangerous Goods by Rail)
IM	IDG: International Maritime Code for Dangerous Goods
IA	TA: International Air Transport Association
IA	TA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
IC	CAO: International Civil Aviation Organisation
IC	CAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
EII	INECS: European Inventory of Existing Commercial Chemical Substances
CA	AS: Chemical Abstracts Service (division of the American Chemical Society)
RT	TECS: Registry of Toxic Effects of Chemical Substances
W	/GK: Wassergefährdungsklasse
vP	PvB: very Persistent and very Bioaccumulative