

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

377500

BACHEM

Revision: 13.07.2011 Printing date: 07.07.2016

•	Product identifier
•	Trade name: Amyloid β-Protein (1-40) hydrochloride salt H-Asp-Ala-Glu-Phe-Arg-His-Asp-Ser-Gly-Tyr-Glu-Val-His-His-Gln-Lys-Leu- Val-Phe-Ala-Glu-Asp-Val-Gly-Ser-Asn-Lys-Gly-Ala Ile-Ile-Gly-Leu- Met-Val-Gly-Gly-Val-Val-OH
•	Article number: new: 4038267 old: H-5568
•	CAS Number: 131438-79-4
•	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)
2	Hazards 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 Hazard statements Void
•	Other hazards Results of PBT and vPvB assessment PBT: Not anolicable
•	Not applicable. vPvB: Not applicable.

- Chemical characterization: Substances Description
- CAS No.
- 131438-79-4 Amyloid β-Protein (1-40)
- Identification number(s)
- EC number:

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

377500

BACHEM

Revision: 13.07.2011 Printing date: 07.07.2016

(Contd. of page 1)

PRODUCT : Amyloid β-Protein (1-40) hydrochloride salt

RTECS Number:

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.

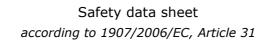
06 Accidental release measures

- 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.





377500

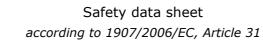
BACHEM

Revision: 13.07.2011 Printing date: 07.07.2016

 CAS No. Des Not required. Additional information: The lists valid during the m Personal protective equ General protective equ General protective and I The usual precautionary m Respiratory protection: In case of brief exposure of respiratory protective device 	lues that require monitoring at the work signation of material aking were used as basis. ipment:		
 CAS No. Des Not required. Additional information: The lists valid during the m Personal protective equ General protective equ General protective and I The usual precautionary m Respiratory protection: In case of brief exposure of respiratory protective device 	signation of material aking were used as basis. ipment: hygienic measures: easures are to be adhered to when handling		
 Not required. Additional information: The lists valid during the m Personal protective equ General protective and I The usual precautionary m Respiratory protection: In case of brief exposure of respiratory protective device 	aking were used as basis. ipment: hygienic measures: easures are to be adhered to when handling	hemicals.	
 The lists valid during the m Personal protective equ General protective and I The usual precautionary m Respiratory protection: In case of brief exposure of respiratory protective device 	ipment: hygienic measures: easures are to be adhered to when handling	hemicals.	
 Protection of hands: The glove material has to b Due to missing tests no red Selection of the glove mate Protective gloves Material of gloves 	e gloves does not only depend on the mater	on. he substance/ the preparal ven for the product/ the pre rates of diffusion and the o	tion. eparation/ the chemical mixture. degradation

General Information	
Appearance:	
Form:	Lyophilisate
Colour:	White
Odour:	Nearly odourless
Odour threshold:	Not determined.
Molecular Weight	4.329,8600 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.
Other information	No further relevant information available.





377500

BACHEM

Revision: 13.07.2011 Printing date: 07.07.2016

(Contd. of page 3)

PRODUCT : Amyloid β-Protein (1-40) hydrochloride salt

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
- 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

377500

Revision: 13.07.2011 Printing date: 07.07.2016

	(Contd. of page 4)
14 Transp	port information
ADR/RID	
IMDG Cla	
ICAO/IA1	
	imental hazards:
Not appl	
	ort in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not app	
15 Regula	tory information
10 Regule	
Nationa	al regulations:
• \N/atach	azard alass.
	azard class: ly not hazardous for water.Self-assessment
	al safety assessment:
	ical Safety Assessment has not been carried out.
16 Other	information
	ation is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features ot establish a legally valid contractual relationship.
 Departr 	nent issuing MSDS:
	ient: Marketing
 Abbrev 	iations and acronyms:
	cord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the Internation
-	e of Dangerous Goods by Road)
	glement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning th
	onal Transport of Dangerous Goods by Rail) nternational Maritime Code for Dangerous Goods
	ternational Air Transport Association
	ternational Civil Aviation Organisation
	: European Inventory of Existing Commercial Chemical Substances
	nemical Abstracts Service (division of the American Chemical Society)
RTECS:	Registry of Toxic Effects of Chemical Substances
	/assergefährdungsklasse
	ery Persistent and very Bioaccumulative