BACHEM

Safety data sheet

according to 1907/2006/EC, Article 31

1646700

Revision: 10.03.2015
Printing date: 07.07.2016

01 Identification of the substance/mixture and of the company/undertaking

- Product identifier
- Trade name:
  (Arg⁸)-Vasopressin (free acid) trifluoroacetate salt
  H-Cys-Tyr-Phe-Gln-Asn-Cys-Pro-Arg-Gly-OH (disulfide bond)
- Article number:
  new: 4005475 old: H-1775
- CAS Number:
  25255-33-8
- 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)

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02 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 applicable.
- vPvB:
  Not applicable.

03 Composition/information on ingredients

- Chemical characterization: Substances

CAS No.	*Description*
25255-33-8	(Arg⁸)-Vasopressin (free acid) trifluoroacetate salt

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

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04 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:
- 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

- Extinguishing media
- Suitable extinguishing agents:
  CO_2, 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)

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No further relevant information available.

08 Exposure controls/personal protection

- Control parameters
- Ingredients with limit values that require monitoring at the workplace:

CAS No. ***Designation of material***

Not required.

- Additional information:
  The lists valid during the making were used as basis.

- Exposure controls
- Personal protective equipment:
- General protective and hygienic measures:
  The usual precautionary measures are to be adhered to when handling chemicals.
- Respiratory protection:
  In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
  Use suitable respiratory protective device in case of insufficient ventilation.
- Protection of hands:
  The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
  Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
  Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
  Protective gloves
- Material of gloves
  The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- Penetration time of glove material
  The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection:
  Safety glasses

09 Physical and chemical properties

Information on basic physical and chemical 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	

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water:	at 25 ℃ 1,00 g/l
Viscosity:	
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 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

- 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.

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13 Disposal considerations

- Waste treatment methods
- Waste disposal key:
  18 02 06

- Uncleaned packaging:
- Recommendation:
  Disposal must be made according to official regulations.

14 Transport information

- UN-Number

ADR	Void
IMDG	Void
IATA	Void

- UN proper shipping name

ADR	Void
IMDG	Void
IATA	Void

- Transport hazard class(es)

ADR	
Class	Void
IMDG	
Class	Void
IATA	
Class	Void

- Packing group

ADR	Void
IMDG	Void
IATA	Void

- Environmental hazards:
  Not applicable.
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
  Not applicable.

- Transport/Additional information:
  Not applicable.

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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- Abbreviations and acronyms:
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International 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