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

- **Product identifier**
- **Trade name:**
  Octreotide acetate salt
  H-D-Phe-Cys-Phe-D-Trp-Lys-Cys-L-threoninol
- **Article number:**
  new: 4042822  old: H-5972
- **CAS Number:**
  79517-01-4

**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)

**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**

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>79517-01-4</td>
<td>Octreotide</td>
</tr>
</tbody>
</table>

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

(Contd. on page 2)
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:
  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
  No special measures required.
- 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:
  Prevent formation of dust.
- Information about fire - and explosion protection:
  No special measures required.
- Storage:
  Store away from foodstuffs.
- Requirements to be met by storerooms and receptacles:
  No special requirements.
- Information about storage in one common storage facility:
  Store in dry conditions.
- Recommended storage temperature:
  -20 +/- 5 °C
- Specific end use(s)
  No further relevant information available.
08 Exposure controls/personal protection

- 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.

- 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 respirator.
  Use suitable respirator 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

**General Information**

- **Appearance:** Powder
- **Form:** Powder
- **Colour:** White
- **Odour:** Nearly odourless
- **Odour threshold:** Not determined.
- **Molecular Weight:** 1.019,2600 g/mol

**Change in condition**

- **Boiling point/Boiling range:** Undetermined.
- **Flash point:** Not applicable.
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** Not determined.
- **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:** Not determined.

**Viscosity:**

- **Dynamic:** Not determined.
- **Kinematic:** Not determined.

**Other information**

No further relevant information available.
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.
PRODUCT: Octreotide acetate salt

14 Transport information

- **ADR/RID class:**
- **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.

15 Regulatory information

- **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
- **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
  ICAO: International Civil Aviation Organisation
  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
- * Data compared to the previous version altered.