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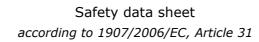
BACHEM

Revision: 09.11.2015 Printing date: 07.07.2016

•	Product identifier
	Trade name: Neuropeptide Y (13-36) (human, rat) trifluoroacetate salt
	Article number: new: 4031096 old: H-3324
	CAS Number: 122341-40-6
• ,	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)
2 H	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
•	Hazard statements Void Other hazards
•	Results of PBT and vPvB assessment PBT:
I	Not applicable. vPvB:
	Not applicable.

- Chemical characterization: Substances
- CAS No.
- **Description** Neuropeptide Y (13-36) (human, rat) trifluoroacetate salt 122341-40-6
- Identification number(s)
- · EC number:
- RTECS Number:
- GB





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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.

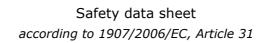
#### 06 Accidental release measures

- 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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08 Exposure co	ntrols/personal protection
Control parame	ters
<ul> <li>Ingredients with</li> </ul>	I limit values that require monitoring at the workplace:
CAS No.	Designation of material
Not required.	-
Additional inform	nation:
The lists valid dur	ing the making were used as basis.
Exposure contr	ols
<ul> <li>Personal protect</li> </ul>	tive equipment:
<ul> <li>General protect</li> </ul>	ive and hygienic measures:
The usual precau	tionary measures are to be adhered to when handling chemicals.
<ul> <li>Respiratory pro</li> </ul>	
In case of brief ex respiratory protect	cposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained tive device.
	iratory protective device in case of insufficient ventilation.
<ul> <li>Protection of hat</li> </ul>	
•	al has to be impermeable and resistant to the product/ the substance/ the preparation.
•	sts no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. love material on consideration of the penetration times, rates of diffusion and the degradation
Protective gloves	ove material on consideration of the penetration times, rates of diffusion and the degradation
<ul> <li>Material of gloves</li> </ul>	29
0	he suitable gloves does not only depend on the material, but also on further marks of quality and varies from
manufacturer to r	
<ul> <li>Penetration time</li> </ul>	e of glove material
The exact break	hrough time has to be found out by the manufacturer of the protective gloves and has to be observed.
<ul> <li>Eye protection:</li> </ul>	

### 09 Physical and chemical properties

General Information		
Appearance:		
Form:	Powder	
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 1,00 g/l	
Viscosity:		



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

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#### Revision: 09.11.2015 Printing date: 07.07.2016

PRODUCT : Neuropeptide Y (	(13-36) (human, rat) 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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		Printing date: 07.0
PRODUCT : Neuropeptide Y (13-3	6) (human, rat) trifluoroacetate salt	
		(Contd. of page 4)
13 Disposal considerations		
Waste treatment methods		
Waste disposal key:		
18 02 06		
Uncleaned packaging:		
Recommendation:		
Disposal must be made according to of	ficial regulations.	
14 Transport information		
<ul> <li>UN-Number</li> <li>ADR</li> </ul>	Void	
IMDG	Void	
IATA	Void	
UN proper shipping name	Volu	
ADR	Void	
IMDG	Void	
ΙΑΤΑ	Void	
<ul> <li>Transport hazard class(es)</li> </ul>		
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.	and the IDO Code	
<ul> <li>Transport in bulk according to Ann Not applicable.</li> </ul>	ex II of MARPOL73/78 and the IBC Code	
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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# Safety data sheet according to 1907/2006/EC, Article 31

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<ul> <li>Abb</li> </ul>	previations and acronyms:
	R: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the Internationa riage of Dangerous Goods by Road)
	: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the rnational Transport of Dangerous Goods by Rail)
IMD	G: International Maritime Code for Dangerous Goods
IAT	A: International Air Transport Association
IAT	A-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICA	O: International Civil Aviation Organisation
ICA	O-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
EIN	ECS: European Inventory of Existing Commercial Chemical Substances
CAS	S: Chemical Abstracts Service (division of the American Chemical Society)
RTE	ECS: Registry of Toxic Effects of Chemical Substances
WG	K: Wassergefährdungsklasse
vPv	B: very Persistent and very Bioaccumulative