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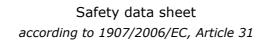
**BACHEM** 

Revision: 18.01.2018 Printing date: 18.01.2018

•	dentification of the substance/mixture and of the company/undertaking
	Product identifier
	Trada associ
	Trade name: (d(CH <sub>2</sub> ) <sub>2</sub> <sup>1</sup> ,Tyr(Me) <sup>2</sup> ,Orn <sup>8</sup> )-Oxytocin trifluoroacetate salt
•	Article number:
	new: 4034493 old: H-4928
	CAS Number:
	77327-45-8
	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
	Further information obtainable from: Department: Marketing
•	Emergency telephone number:
	Emergency telephone number: +41 44 251 51 51 (Tox Info Suisse)
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- EC number:
- RTECS Number:
- GB





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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:	
<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.

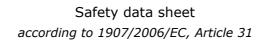
#### 06 Accidental release measures

- 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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8	(Contd. of page Exposure controls/personal protection
	Control parameters
	Ingredients with limit values that require monitoring at the workplace:
•	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

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:	
Dynamic:	Not determined.
Kinematic:	Not determined.



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

2379100

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Revision: 18.01.2018 Printing date: 18.01.2018

## PRODUCT: (d(CH<sub>2</sub>)<sub>5</sub><sup>1</sup>,Tyr(Me)<sup>2</sup>,Orn<sup>8</sup>)-Oxytocin trifluoroacetate salt

Other information

No further relevant information available.

(Contd. of page 3)

### 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.

(Contd. on page 5)



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

2379100

	Revision: 18.0 Printing date: 18.0
PRODUCT : (d(CH₂)₅¹,Tyr(Me)²,Orn⁴	<ul> <li>Oxytocin trifluoroacetate salt</li> </ul>
	(Contd. of page 4)
13 Disposal considerations	
Waste treatment methods	
<ul> <li>Uncleaned packaging:</li> <li>Recommendation: Disposal must be made according to offic</li> </ul>	al regulations.
14 Transport information	
UN-Number	
ADR	Void
IMDG	Void
ΙΑΤΑ	Void
UN proper shipping name	
ADR	Void
IMDG	Void
ΙΑΤΑ	Void
<ul> <li>Transport hazard class(es) ADR</li> </ul>	
Class	Void
IMDG	
Class	Void
ΙΑΤΑ	
Class	Void
Packing group	
ADR	Void
IMDG	Void
ΙΑΤΑ	Void
Environmental hazards:	
<ul><li>Not applicable.</li><li>Transport in bulk according to Annex Not applicable.</li></ul>	II of MARPOL73/78 and the IBC Code
<ul> <li>Transport/Additional information: Not applicable.</li> </ul>	

### 15 Regulatory information

- · Safety, health and environmental regulations/legislation specific for the substance or mixture
- National regulations:
- Waterhazard class:
- Generally not hazardous for water.
- · 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:

(Contd. on page 6)





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

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	(Contd. of page 5)
ADR:	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the Internationa
Carria	age of Dangerous Goods by Road)
RID:	Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the
Intern	ational 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)
EINE	CS: European Inventory of Existing Commercial Chemical Substances
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
RTEC	CS: Registry of Toxic Effects of Chemical Substances
WGK	: Wassergefährdungsklasse
<ul> <li>* Dat</li> </ul>	a compared to the previous version altered.