

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

1858200

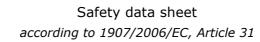
Revision: 05.07.2016 Printing date: 07.07.2016

Article numb new: 4099716 CAS Numbe 1374694-00-4 Relevant ide Application of Laboratory cho Details of the Manufacture Bachem AG Hauptstrasse CH-4416 Bube Switzerland E-mail msds@ Tel +41 58 59 Fax +41 58 59	 it if luoroacetate salt er: old: H-7908 r: it if e substance or mixture and uses advised against if the substance / the preparation emicals e supplier of the safety data sheet r/Supplier: 144 endorf bachem.com 5 2021
Article numb new: 4099716 CAS Numbe 1374694-00-4 Relevant ide Application of Laboratory cho Details of the Manufacture Bachem AG Hauptstrasse CH-4416 Bube Switzerland E-mail msds@ Tel +41 58 59 Fax +41 58 59 Further inform	er: old: H-7908 r: ntified uses of the substance or mixture and uses advised against f the substance / the preparation emicals e supplier of the safety data sheet r/Supplier: 144 endorf bachem.com 5 2021 5 2040
new: 4099716 CAS Numbe 1374694-00-4 Relevant ide Application of Laboratory cho Details of the Manufacture Bachem AG Hauptstrasse CH-4416 Bube Switzerland E-mail msds@ Tel +41 58 59 Fax +41 58 59 Further inform	old: H-7908 r: ntified uses of the substance or mixture and uses advised against f the substance / the preparation emicals e supplier of the safety data sheet r/Supplier: 144 endorf bachem.com 5 2021 5 2040
CAS Numbe 1374694-00-4 Relevant ide Application of Laboratory che Details of the Manufacture Bachem AG Hauptstrasse CH-4416 Bube Switzerland E-mail msds@ Tel +41 58 599 Fax +41 58 599 Further inform	r: ntified uses of the substance or mixture and uses advised against f the substance / the preparation emicals e supplier of the safety data sheet r/Supplier: 144 endorf bachem.com 5 2021 5 2040
1374694-00-4 Relevant ide Application of Laboratory che Details of the Manufacture Bachem AG Hauptstrasse CH-4416 Bube Switzerland E-mail msds@ Tel +41 58 59 Fax +41 58 59 Further inform	ntified uses of the substance or mixture and uses advised against f the substance / the preparation emicals e supplier of the safety data sheet r/Supplier: 144 endorf bachem.com 5 2021 5 2040
Relevant ide Application of Laboratory che Details of the Manufacture Bachem AG Hauptstrasse CH-4416 Bube Switzerland E-mail msds@ Tel +41 58 599 Fax +41 58 599 Further inform	f the substance / the preparation emicals e supplier of the safety data sheet r/Supplier: 144 endorf bachem.com 5 2021 5 2040
Application of Laboratory che Details of the Manufacture Bachem AG Hauptstrasse CH-4416 Bube Switzerland E-mail msds@ Tel +41 58 59 Fax +41 58 59 Further inform	f the substance / the preparation emicals e supplier of the safety data sheet r/Supplier: 144 endorf bachem.com 5 2021 5 2040
Laboratory che Details of the Manufacture Bachem AG Hauptstrasse CH-4416 Bube Switzerland E-mail msds@ Tel +41 58 599 Fax +41 58 599 Further inform	emicals e supplier of the safety data sheet r/Supplier: 144 endorf bachem.com 5 2021 5 2040
Manufacture Bachem AG Hauptstrasse CH-4416 Bube Switzerland E-mail msds@ Tel +41 58 59 Fax +41 58 59 Further inform	r/Supplier: 144 endorf 5 2021 5 2040
Manufacture Bachem AG Hauptstrasse CH-4416 Bube Switzerland E-mail msds@ Tel +41 58 59 Fax +41 58 59 Further inform	r/Supplier: 144 endorf 5 2021 5 2040
Bachem AG Hauptstrasse CH-4416 Bube Switzerland E-mail msds@ Tel +41 58 59 Fax +41 58 59 Further inform	144 endorf 5 2021 5 2040
CH-4416 Bube Switzerland E-mail msds@ Tel +41 58 599 Fax +41 58 59 Further inform	endorf Ibachem.com 5 2021 5 2040
Switzerland E-mail msds@ Tel +41 58 599 Fax +41 58 599 Further inform	bachem.com 5 2021 5 2040
Tel +41 58 599 Fax +41 58 59 Further inform	5 2021 5 2040
Fax +41 58 59 Further inform	5 2040
	nation obtainable from:
Department: M	
	larketing
	elephone number: 51 (Tox Info Suisse)
Hazards id	entification
	n of the substance or mixture n according to Regulation (EC) No 1272/2008
Void	
Label elemen	
Labelling acc	cording to Regulation (EC) No 1272/2008
Signal word	
Void Hazard state	ments
Void	
Other hazard	
Results of PI PBT:	3T and vPvB assessment
PBT: Not applicable	
vPvB:	
Not applicable	

- · Chemical characterization: Substances
- CAS No.
- **Description** Orexin A (16-33) trifluoroacetate salt 1374694-00-4
- Identification number(s)
- EC number:
- RTECS Number:

GB





1858200

BACHEM

Revision: 05.07.2016 Printing date: 07.07.2016

(Contd. of page 1)

PRODUCT : Orexin A (16-33) trifluoroacetate salt

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:
- 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.

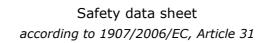
06 Accidental release measures

- 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.





1858200

BACHEM

	(Contd. of pag
08 Exposure con	trols/personal protection
Control paramet	ers
	limit values that require monitoring at the workplace:
CAS No.	Designation of material
Not required.	
Additional inform	lation:
The lists valid duri	ng the making were used as basis.
Exposure contro	ls
 Personal protect 	ive equipment:
 General protectivity 	ve and hygienic measures:
	onary measures are to be adhered to when handling chemicals.
 Respiratory prot 	
respiratory protect	
	atory protective device in case of insufficient ventilation.
Protection of har	
•	has to be impermeable and resistant to the product/ the substance/ the preparation.
•	ts no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixtu ove material on consideration of the penetration times, rates of diffusion and the degradation
Protective gloves	we material on consideration of the penetration times, rates of diffusion and the degradation
 Material of glove 	S
0	e suitable gloves does not only depend on the material, but also on further marks of quality and varies from
 Penetration time 	of glove material
	rough 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:		
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

1858200

Revision: 05.07.2016 Printing date: 07.07.2016

PRODUCT : Orexin A (16-33)	Orexin A (16-33) 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

1858200

Revision: 05.07.2016 Printing date: 07.07.2016 **PRODUCT** : Orexin A (16-33) 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 official regulations 14 Transport information UN-Number ADR Void IMDG Void ΙΑΤΑ Void · UN proper shipping name ADR Void IMDG Void ΙΑΤΑ Void Transport hazard class(es) ADR Void Class IMDG Class Void ΙΑΤΑ Void Class · Packing group Void ADR IMDG Void ΙΑΤΑ 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

(Contd. on page 6)



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

1858200

Revision: 05.07.2016 Printing date: 07.07.2016

PRODUCT : Orexin A (16-33) trifluoroacetate salt (Contd. of page 5) · 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