

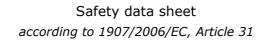
1366400

BACHEM

Revision: 08.03.2013 Printing date: 07.07.2016

1 Identification of the substance/mixture and of the company/undertaking	
Product identifier	
Trade name: CEAM AFEA: Other depth de la light thus Neurophysics (Obl() billions exclude a site	
6-FAM-AEEAc-Stichodactyla helianthus Neurotoxin (ShK) trifluoroacetate salt	
Article number:	
new: 4044280 old: H-6088	
Delevent identified uses of the substance or mixture and uses eduiced excinct	
 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 Hazards identification	
 P2 Hazards identification Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 	
Classification of the substance or mixture	
 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 	
Classification of the substance or mixture	
 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 GHS07 	
 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 	
 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 GHS07 Acute Tox. 4 - H302 Harmful if swallowed. 	
 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 GHS07 Acute Tox. 4 - H302 Harmful if swallowed. Acute Tox. 4 - H312 Harmful in contact with skin. 	
 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 GHS07 Acute Tox. 4 - H302 Harmful if swallowed. Acute Tox. 4 - H312 Harmful in contact with skin. Acute Tox. 4 - H332 Harmful if inhaled. 	
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					Revision: 08.03 Printing date: 07.07
PRODUCT :	6-FAM-AEEAc-Stie	chodactyla helianth	us Neurotoxin (Sh	K) trifluoroacetate sal	t
 PBT: Not appli vPvB: Not appli 					(Contd. of page 1)
03 Compo	sition/information	on ingredients			
 Chemic CAS No. 	al characterization: Sub <i>Description</i> 6-FAM-AEEA ation number(s) lber:	ostances	anthus Neurotoxin (ShK) trifluoroacetate s	alt
04 First ai	d measures				
 Genera Involve of Sympton After inf Supply fr Call a do After sk Seek imi After ey Rinse op After sw Call for a Informa Most imi No furthe Indicatio 	resh air. If required, provide ctor immediately. in contact: nediate medical advice. e contact: eened eye for several minut	occur after several hour e artificial respiration. K tes under running water effects, both acute ar ilable. dical attention and sp	eep patient warm. Cor r. nd delayed	nsult doctor if symptoms p	
 Extingu Suitable CO2, po Special No furthe Advice Protecti 	nting measures ishing media e extinguishing agents: wder or water spray. Fight hazards arising from the er relevant information avai for firefighters ve equipment: espiratory protective device	e substance or mixtu ilable.		ant foam.	
06 Accide	ntal release measi	ures			
 Persona Avoid for Use resp Wear pro Environ 	al precautions, protective mation of dust. biratory protective device ag otective clothing. mental precautions: s gases/fumes/haze with w	e equipment and em gainst the effects of fun		5	

- Suppress gases/fumes/haze with water spray. Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up: Dispose contaminated material as waste according to item 13.

(Contd. on page 3)



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

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PRODUCT: 6-FAM-AEEAc-Stichodactyla helianthus Neurotoxin (ShK) trifluoroacetate salt (Contd. of page 2) Reference to other sections 07 Handling and storage · Handling: · Precautions for safe handling Thorough dedusting. Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care. Prevent formation of dust. · Information about fire - and explosion protection: Keep respiratory protective device available. · 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: Keep container tightly sealed. Store in dry conditions. Recommended storage temperature: -20 +/- 5 °C Specific end use(s) 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: Keep away from foodstuffs, beverages and feed. Store protective clothing separately. Avoid contact with the eyes and skin. 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. 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 GB



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

1366

03.2013 07.2016

09 Physical and chemical properties Information on basic physical and chemical properties General Information Appearance: Form: Powder Colour: Whitish Odour: Nearly odourless Odour threshold: Not determined. Change in condition Boiling point/Boiling range: Boiling point/Boiling range: Undetermined. Flash point: Not applicable. Flarmability (solid, gaseous): Not applicable. Ignition temperature: Decomposition temperature: Decomposition temperature: Not determined. Danger of explosion: Not determined. Explosion limits: Lower: Not determined.	ontd. of pag
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Self-igniting: Not determined. Danger of explosion: Not determined. Explosion limits: Not determined. Lower: Not determined.	
Danger of explosion: Not determined. Explosion limits: Lower: Not determined.	
Explosion limits: Lower: Not determined.	
Lower: Not determined.	
Here an Net determined	
Upper: Not determined.	
Vapour pressure: Not determined.	
Density: Not determined.	

Not determined.

Not determined.

No further relevant information available.

10 Stability and reactivity

· Reactivity

Other information

Viscosity: Dynamic:

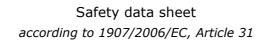
Kinematic:

- · 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.





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 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: Do not allow undiluted product or large quantities of it to Results of PBT and vPvB assessment 	nthus Neurotoxin (ShK) trifluoroacetate salt (Contd. of page 4)
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Do not allow undiluted product or large quantities of it to • Results of PBT and vPvB assessment	
 Results of PBT and vPvB assessment 	d reach dround water, water course or sewade system.
• PBT:	
Not applicable.	
vPvB: Not applicable	
Not applicable. • Other adverse effects	
No further relevant information available.	
13 Disposal considerationsWaste treatment methods	
Waste disposal key:	
18 02 05	
 Uncleaned packaging: 	
Recommendation:	
Disposal must be made according to official regulations	3.
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 	
Class	Void
IMDG	
Class	Void
ΙΑΤΑ	
Class	Void
Packing group	
ADR	Void
IMDG	Void
ΙΑΤΑ	Void

Not applicable.

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

(Contd. on page 6)





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

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PRODUCT : 6-FAM-AEEAc-Stichodactyla helianthus Neurotoxin (ShK) trifluoroacetate salt

(Contd. of page 5)

 Transport/Additional information: Not applicable.

15 Regulatory information

- · Safety, health and environmental regulations/legislation specific for the substance or mixture
- · National regulations:
- · Waterhazard class:
- Water hazard class 1 (Self-assessment): slightly 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: 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