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BACHEM

Revision: 08.02.2012 Printing date: 07.07.2016

•	dentification of the substance/mixture and of the company/undertaking
	Product identifier
•	Trade name:
	Osteogenic Growth Peptide (10-14) trifluoroacetate salt
	H-Tyr-Gly-Phe-Gly-Gly-OH
•	Article number:
	new: 4041514 old: H-5878
	CAS Number: 105250-85-9
	103230-03-9
•	Relevant identified uses of the substance or mixture and uses advised against
	Application of the substance / the preparation
1	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:
I	Department: Marketing
•	
	Emergency telephone number:
	Emergency telephone number: +41 44 251 51 51 (Tox Info Suisse)
2 -	+41 44 251 51 51 (Tox Info Suisse)
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RTECS Number:

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

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PRODUCT : Osteogenic Growth Peptide (10-14) trifluoroacetate salt

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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:
- 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

- 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

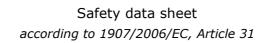
- Personal precautions, protective equipment and emergency procedures Not required.
- Environmental precautions:
- No special measures required.
- Methods and material for containment and cleaning up: Pick up mechanically.

07 Handling and storage

- Handling:
- Precautions for safe handling Prevent formation of dust.
- Information about fire and explosion protection:
- No special measures required.
- 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: -20 +/- 5 °C
- Specific end use(s)
- No further relevant information available.

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)8 E	xposure controls/personal protection
•	ngredients with limit values that require monitoring at the workplace:
-	AS 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: n case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device. Jse 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 nanufacturer to manufacturer. Penetration time of glove material

General Information		
Appearance:		
Form:	Powder	
Colour:	White	
Odour:	Nearly odourless	
Odour threshold:	Not determined.	
Molecular Weight	499,5200 g/mol	
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.	





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PRODUCT : Osteogenic Growth Peptide (10-14) trifluoroacetate salt

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
- Bloaccumulative 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.





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RODUCT : Osteogenic Growth Peptide (10-14) trifluoroacetate salt	(Contd. of page 4)
4 Transport information	(Conta: of page 4)
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.	
5 Regulatory information	
National regulations:	
Waterhazard class:	
Generally not hazardous for water.Self-assessment	
Chemical safety assessment:	
Chemical safety assessment: A Chemical Safety Assessment has not been carried out.	
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