

1448900

BACHEM

Revision: 09.09.2013 Printing date: 07.07.2016

•	Product identifier
•	Trade name: (Arg ^e ,β-cyclohexyl-Ala ^e ,D-Tic ^{1e} ,Arg ¹⁷ ,Cys ^{1e})-Atrial Natriuretic Factor (6-18) amide (mouse, rabbit, rat)
•	Article number: new: 4030385 old: H-3048
	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
	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: Not applicable.
•	vPvB:
	Not applicable.

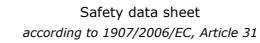
CAS No.

(Arg⁶,β-cyclohexyl-Ala⁸,D-Tic¹⁶,Arg¹⁷,Cys¹⁸)-Atrial Natriuretic Factor (6-18) amide (mouse,

- Identification number(s)
- EC number:
- RTECS Number:

-





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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.

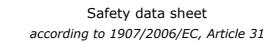
06 Accidental release measures

- 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: -20 +/- 5 °C
- Specific end use(s)
- No further relevant information available.





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		(Contd. of page
3 Exposure con	trols/personal protection	
Control parameter	ers	
 Ingredients with 	imit values that require monitoring at the wo	orkplace:
CAS No.	Designation of material	
Not required.	2001ghallon of material	
Additional inform		
I he lists valid durir	g the making were used as basis.	
Exposure contro	S	
· Personal protect	ve equipment:	
General protectiv	e and hygienic measures:	
The usual precauti	onary measures are to be adhered to when handl	ing chemicals.
 Respiratory prote 	ection:	
In case of brief exp	osure or low pollution use respiratory filter device	e. In case of intensive or longer exposure use self-contained
respiratory protecti	ve device.	
Use suitable respir	atory protective device in case of insufficient vent	ilation.
 Protection of har 	ds:	
The glove material	has to be impermeable and resistant to the produ	<pre>ict/ the substance/ the preparation.</pre>
•	•	e given for the product/ the preparation/ the chemical mixture
•	ve material on consideration of the penetration tin	nes, rates of diffusion and the degradation
Protective gloves		
Material of glove		
		terial, but also on further marks of quality and varies from
manufacturer to ma		
Penetration time		
	rough time has to be found out by the manufactur	rer of the protective gloves and has to be observed.
 Eye protection: 		

09 Physical and chemical properties

General Information		
Appearance:		
Form:	Powder	
Colour:	White	
Odour:	Nearly odourless	
Odour threshold:	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:	Not determined.	
Viscosity:		
Dynamic:	Not determined.	



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

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PRODUCT: (Arg^e,β-cyclohexyl-Ala^e,D-Tic^{1e},Arg¹⁷,Cys^{1e})-Atrial Natriuretic Factor (6-18) amide (mouse, rabbit, rat)

Kinematic: Other information Not determined. 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 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

- 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.

GB



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 3 Disposal considerations Waste treatment methods Waste disposal key: 18 02 06 		
 Waste disposal key: 18 02 06 		
18 02 06		
 Uncleaned packaging: 		
Recommendation:		
Disposal must be made according to official regu	lations.	
4 Transport information		
• UN-Number ADR	Void	
IMDG	Void	
IATA	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	
Environmental hazards:		
Not applicable.Transport in bulk according to Annex II of N	ARPOI 73/78 and the IBC Code	
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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• A	bbreviations and acronyms:
A	DR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the Internationa
Ca	carriage of Dangerous Goods by Road)
R	ND: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the
In	nternational Transport of Dangerous Goods by Rail)
IN	NDG: International Maritime Code for Dangerous Goods
IA	ATA: International Air Transport Association
IA	ATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
IC	CAO: International Civil Aviation Organisation
IC	CAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
EI	INECS: European Inventory of Existing Commercial Chemical Substances
C	AS: Chemical Abstracts Service (division of the American Chemical Society)
R	RECS: Registry of Toxic Effects of Chemical Substances
W	VGK: Wassergefährdungsklasse
vF	PvB: very Persistent and very Bioaccumulative