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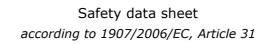
BACHEM

Revision: 22.04.2014 Printing date: 07.07.2016

•	Product identifier
	Trade name:
	(D-Phe ¹² ,Nle ^{21,38} ,α-Me-Leu ³⁷)-CRF (12-41) (human, rat) trifluoroacetate salt
•	Article number:
	new: 4030465 old: H-3266
•	CAS Number:
	150646-45-0
•	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.
	····
3_0	Composition/information on ingredients
	Chemical characterization: Substances

- EC number:
- RTECS Number:
- GB





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04 First aid measures	(Contd. of page
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	

- 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.

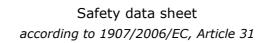
06 Accidental release measures

- 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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 08 Exposure controls/personal protection Control parameters Ingredients with limit values that require monitoring at the workplan 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: 	ce:
 Ingredients with limit values that require monitoring at the workplan 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: 	ce:
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 Exposure controls Personal protective equipment: General protective and hygienic measures: 	
Personal protective equipment:General protective and hygienic measures:	
General protective and hygienic measures:	
The usual precautionary measures are to be adhered to when handling ch	iemicals.
Respiratory protection:	
In case of brief exposure or low pollution use respiratory filter device. In ca	ase 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	e substance/ the preparation.
Due to missing tests no recommendation to the glove material can be give	
Selection of the glove material on consideration of the penetration times, ra Protective gloves	ates of diffusion and the degradation
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.	bacaloo on faction marks of quality and valles from
Penetration time of glove material	
The exact break through time has to be found out by the manufacturer of t	the protective gloves and has to be observed
 Eve protection: 	

09 Physical and chemical properties

Information on basic physical and che	emical properties	
General Information		
Appearance:		
Form:	Lyophilisate	
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

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	(Contd. of page 3)
Dynamic:	Not determined.
Kinematic:	Not determined.
Other informa	tion 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.
- No dangerous decomposition products know

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.



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

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		(Contd. of page 4
3 Disposal considerations		
Waste treatment methods		
 Waste disposal key: 		
18 02 06		
Uncleaned packaging:		
Recommendation:		
Disposal must be made according to official re	egulations.	
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 		
ADR Class	Void	
IMDG	Vold	
Class	Void	
IATA	Vold	
Class	Void	
Packing group	V OIG	
ADR	Void	
IMDG	Void	
ΙΑΤΑ	Void	
Environmental hazards:		
Not applicable.		
 Transport in bulk according to Annex II on Not applicable. 	f MARPOL73/78 and the IBC Code	

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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PRODUCT :	(D-Phe ¹² ,Nle ^{21,38} ,α-Me-Leu ³⁷)-CRF (12-41) (human, rat) trifluoroacetate salt
	(Contd. of page 5)
 Abbreviation 	ns and acronyms:
ADR: Accor	d européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the Internationa
Carriage of	Dangerous Goods by Road)
RID: Règler	nent international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the
Internationa	Transport of Dangerous Goods by Rail)
IMDG: Inter	national Maritime Code for Dangerous Goods
IATA: Intern	ational Air Transport Association
IATA-DGR:	Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: Interr	ational Civil Aviation Organisation
ICAO-TI: Te	chnical Instructions by the "International Civil Aviation Organisation" (ICAO)
EINECS: EL	ropean Inventory of Existing Commercial Chemical Substances
CAS: Chem	cal Abstracts Service (division of the American Chemical Society)
RTECS: Re	gistry of Toxic Effects of Chemical Substances
WGK: Wass	ergefährdungsklasse
vPvB: verv	Persistent and very Bioaccumulative