

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

1796800

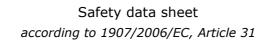
Revision: 29.03.2016 Printing date: 07.07.2016

 Trade name: Fmoc-D-His(1-Me)-OH Article number: new: 403512 old: B-4455 CAS Number: 1197025-85-6 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 114 CH-416 Bubendorf Switzerland E-mail mask@bachem.com Tel +41 69 595 2021 Further information obtainable from: Department: Marketing Emergency telephone number: +41 44 251 51 51 (Tox Info Suisse) Hzzards identification Classification according to Regulation (EC) No 1272/2008 Void Labelling according to Regulation (EC) No 1272/2008 Void Labelling according to Regulation (EC) No 1272/2008 Void Hazards statements Labelling according to Regulation (EC) No 1272/2008 Void Hazards Tatements Labelling according to Regulation (EC) No 1272/2008 Void Hazards Tatements Labelling according to Regulation (EC) No 1272/2008 Void Hazards Tatements Labelling according to Regulation (EC) No 1272/2008 Void Hazards Tatements Kota pplicable. 	•	Product identifier
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 Results of PBT and vPvB assessment PBT: 		
• PBT:		
not applicable.	•	
• vPvB:	•	
Not applicable.		

- Chemical characterization: Substances
- CAS No.
- *Description* Fmoc-D-His(1-Me)-OH 1197025-85-6
- Identification number(s)
- EC number:
- RTECS Number:

GB





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PRODUCT : Fmoc-D-His(1-Me)-OH (Contd. of page 1) 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.

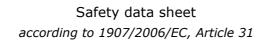
06 Accidental release measures

- 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





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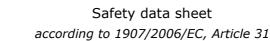
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			(Contd. of page 2
)8 Exposure con	trols/personal protection		
 Control paramet 	ers		
 Ingredients with 	imit values that require monitoring a	the workplace:	
CAS No. Not required.	Designation of material		
 Additional inform 	ation:		
	g the making were used as basis.		
Exposure control	S		
 Personal protect 	ve equipment:		
 General protecti 	e and hygienic measures:		
The usual precaut	onary measures are to be adhered to wh	en handling chemicals.	
 Respiratory prot 	ection:		
	osure or low pollution use respiratory filte	r device. In case of intensive	or longer exposure use self-contained
respiratory protect			
	atory protective device in case of insuffic	ent ventilation.	
 Protection of har 			
•	has to be impermeable and resistant to t		
•	•	•	ct/ the preparation/ the chemical mixture.
•	ve material on consideration of the pene	ration times, rates of diffusior	n and the degradation
Protective gloves	_		
Material of glove The selection of the	s e suitable gloves does not only depend o	the motorial but also as firm	ther marks of quality and varias from
manufacturer to m		i the material, but also off full	the marks of quality and valles for
Penetration time			
	rough time has to be found out by the ma	nufacturer of the protective o	loves and has to be observed
Eye protection:	rough time has to be round out by the ma	naraotarer of the protective g	
 Eye protection. Safety glasses 			

09 Physical and chemical properties

Information on basic physical and che 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:	Not determined.	
Viscosity:		





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		(Contd. of page 3)
Dynamic:	Not determined.	
Kinematic:	Not determined.	
Other information	No further relevant information available.	
.0 Stability and reactivity		
Reactivity		
 Chemical stability 		
Thermal decomposition / con-	ditions to be avoided:	
No decomposition if used accord	ing to specifications.	
 Possibility of hazardous reaction 	ions	
No dangerous reactions known.		
Conditions to avoid		
No further relevant information av	vailable.	
 Incompatible materials: No further relevant information as 		
 Hazardous decomposition pro No dangerous decomposition pro 		
No dangerous decomposition pro	ducts known.	

- · 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
- 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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Revision: 29.03.2016 rinting date: 07.07.2016

Printing date: 07.07.2016 **PRODUCT** : Fmoc-D-His(1-Me)-OH (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.

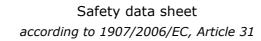
16 Other information

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)





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Abbreviations and acronyms:
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the Internation
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