

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

402100

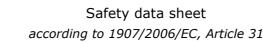
Revision: 08.08.2011 Printing date: 07.07.2016

	Identification of the substance/mixture and of the company/undertaking	
•	Product identifier	
•	Trade name:	
	Fmoc-D-Leu-OH	
	Article number:	
	new: 4005951 old: B-1350	
•	CAS Number: 114360-54-2	
•	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:	
2	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.	
13	Composition/information on ingredients	

- EC number:
- RTECS Number:

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#### **PRODUCT** : Fmoc-D-Leu-OH

(Contd. of page 1) 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:

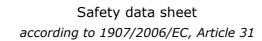
- No special measures required.
- Methods and material for containment and cleaning up: Pick up mechanically.

# 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:
- RT
- Specific end use(s)
- No further relevant information available.

(Contd. on page 3)





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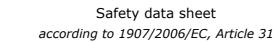
**BACHEM** 

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PRODUCT : Fmo	c-D-Leu-OH	
		of page 2
08 Exposure cor	trols/personal protection	
<ul> <li>Ingredients with</li> </ul>	limit values that require monitoring at the workplace:	
CAS No. Not required.	Designation of material	
<ul> <li>Personal protect</li> <li>General protect</li> <li>The usual precau</li> <li>Respiratory pro</li> <li>In case of brief ex respiratory protect</li> <li>Use suitable resp</li> <li>Protection of ha The glove materia</li> <li>Due to missing ter Selection of the gl</li> <li>Protective gloves</li> <li>Material of glove</li> <li>The selection of the manufacturer to m</li> <li>Penetration time</li> </ul>	Ing the making were used as basis. ive equipment: ve and hygienic measures: ionary measures are to be adhered to when handling chemicals. ection: oosure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-c ive device. atory protective device in case of insufficient ventilation. nds: has to be impermeable and resistant to the product/ the substance/ the preparation. ts no recommendation to the glove material can be given for the product/ the preparation/ the chemic ove material on consideration of the penetration times, rates of diffusion and the degradation is e suitable gloves does not only depend on the material, but also on further marks of quality and varie anufacturer.	cal mixture. es from

General Information		
Appearance:		
Form:	Powder	
Colour:	White	
Odour:	Nearly odourless	
Odour threshold:	Not determined.	
Molecular Weight	353,4200 g/mol	
Change in condition		
Melting point/Melting range:	157 °C	
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.	
Kinematic:	Not determined.	

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# PRODUCT : Fmoc-D-Leu-OH

#### 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
- 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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