

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

660100

Revision: 09.12.2011 Printing date: 07.07.2016

•	Product identifier
•	Trade name:
	Fmoc-D-Ser(tBu)-OH
•	Article number:
	new: 4009509 old: B-1240
•	CAS Number:
	128107-47-1
•	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.
	···· of opproduct.

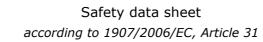
CAS No.

Description Fmoc-D-Ser(tBu)-OH 128107-47-1

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

GB





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PRODUCT : Fmoc-D-Ser(tBu)-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:

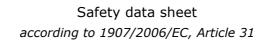
- No special measures required.
- Methods and material for containment and cleaning up: Pick up mechanically.

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.

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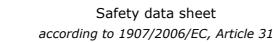
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RODUCT : Fmo	c-D-Ser(tBu)-OH
	(Contd. of page 2
8 Exposure con	trols/personal protection
 Ingredients with 	imit values that require monitoring at the workplace:
CAS No. Not required.	Designation of material
 Personal protect General protectin The usual precauti Respiratory protect In case of brief exp respiratory protect Use suitable respin Protection of har The glove material Due to missing tes Selection of the glove Material of glove 	Ig the making were used as basis. Ig the making were used as basis. Ive equipment: /e and hygienic measures: onary measures are to be adhered to when handling chemicals. action: Incosure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained we device. atory protective device in case of insufficient ventilation. Ids: has to be impermeable and resistant to the product/ the substance/ the preparation. Its no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Its no recommendation of the penetration times, rates of diffusion and the degradation S e suitable gloves does not only depend on the material, but also on further marks of quality and varies from anufacturer.

General Information		
Appearance:	Davidar	
Form:	Powder	
Colour:	White	
Odour:	Nearly odourless	
Odour threshold:	Not determined.	
Molecular Weight	383,4400 g/mol	
Change in condition		
Melting point/Melting range:	132 °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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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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14 Transp	ort information
ADR/RID	class:
IMDG Cla	
ICAO/IA1	
	mental hazards:
Not app	
	ort in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not app	
.5 Regula	tory information
Netter	
 Nationa 	I regulations:
 Waterh 	azard class:
	y not hazardous for water.Self-assessment
Chemic	·
A Chem	al safety assessment: ical Safety Assessment has not been carried out.
A Chem	al safety assessment:
A Chem	al safety assessment: ical Safety Assessment has not been carried out.
A Chem 6 Other This inform	al safety assessment: ical Safety Assessment has not been carried out. information
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