

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

579200

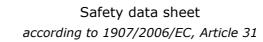
Revision: 27.10.2011 Printing date: 07.07.2016

•	dentification of the substance/mixture and of the company/undertaking Product identifier	
	Trade name:	
	Boc-Dab(Fmoc)-OH	
•	Article number:	
	new: 4019046 old: A-3520	
	CAS Number:	
	117106-21-5	
	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)	
21	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:	
•	VPVB: Not applicable.	
_		
	Composition/information on ingredients	

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

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PRODUCT : Boc-Dab(Fmoc)-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:

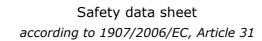
- No special measures required.
- Methods and material for containment and cleaning up: Pick up mechanically.

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:
- +5 +/- 3 °C
- Specific end use(s)
- No further relevant information available.

(Contd. on page 3)





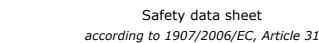
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)8 Exposure con	ntrols/personal protection
8	Imit values that require monitoring at the workplace:
CAS No. Not required.	Designation of material
 Additional inform 	nation:
The lists valid dur	ing the making were used as basis.
 Personal protect 	ctive equipment:
 General protect 	tive and hygienic measures:
	tionary measures are to be adhered to when handling chemicals.
 Respiratory pro 	
	kposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contain
respiratory protec	ctive device. iratory protective device in case of insufficient ventilation.
 Protection of has 	
	al has to be impermeable and resistant to the product/ the substance/ the preparation.
•	ists no recommendation to the glove material can be given for the product/ the preparation/ the chemical mix
Selection of the g	love material on consideration of the penetration times, rates of diffusion and the degradation
Protective gloves	
 Material of glove 	
The selection of the manufacturer to n	he suitable gloves does not only depend on the material, but also on further marks of quality and varies from
Penetration time	
	through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection:	

General Information	
Appearance:	
Form:	Powder
Colour:	White
Odour:	Nearly odourless
Odour threshold:	Not determined.
Molecular Weight	440,5000 g/mol
Change in condition	
Melting point/Melting range:	108 °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.
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PRODUCT : Boc-Dab(Fmoc)-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
- 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	
IMDG Cla	
ICAO/IAT/	A Class:
 Environ 	mental hazards:
Not appli	cable.
 Transpc 	rt in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not appli	cable.
15 Regula	tory information
 National 	regulations:
 Waterha 	azard class:
	/ not hazardous for water.Self-assessment
 Unemica 	al safety assessment:
A Chemic	al safety assessment: cal Safety Assessment has not been carried out.
	cal Safety Assessment has not been carried out.
A Chemic 16 Other i	cal Safety Assessment has not been carried out.
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