

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

1418900

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Revision: 24.07.2013 Printing date: 07.07.2016

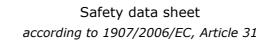
Fm	ade name:
	ioc-D-Cys(4-methoxytrityl)-OH
	ticle number: w: 4027076 old: B-2990
	AS Number: 98791-73-9
• Re	evant identified uses of the substance or mixture and uses advised against
• Ap	plication of the substance / the preparation poratory chemicals
• De	tails of the supplier of the safety data sheet
	anufacturer/Supplier:
	chem AG uptstrasse 144
	uptstrasse 144 I-4416 Bubendorf
	itzerland
	nail msds@bachem.com
	+41 58 595 2021
Fax	x +41 58 595 2040
	rther information obtainable from: partment: Marketing
	nergency telephone number: 1 44 251 51 51 (Tox Info Suisse)
Haz	zards identification
	assification of the substance or mixture
	assification according to Regulation (EC) No 1272/2008
Voi	id
	bel elements
	belling according to Regulation (EC) No 1272/2008
Voi	la gnal word
 Sig Voi 	
	izard statements
Voi	b
	her hazards
	sults of PBT and vPvB assessment
• PB	
• vP	t applicable.
- 1	t applicable.

• Chemical characterization: Substances

- CAS No.
- *Description* Fmoc-D-Cys(4-methoxytrityl)-OH 1198791-73-9
- Identification number(s)
- EC number:
- RTECS Number:

GB





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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.

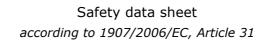
06 Accidental release measures

- 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: -20 +/- 5 °C
- Specific end use(s)
- No further relevant information available.





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		(Contd. of page	e 2)
08 Exposure conti	ols/personal protection		/
Control parameter	5		
•	nit values that require monitoring at the v	vorkplace:	
CAS No. Not required.	Designation of material		
 Additional informa The lists valid during 	ion: the making were used as basis.		
 The usual precaution Respiratory protection Respiratory protective Use suitable respiratory Protection of hand The glove material h Due to missing tests Selection of the glove Protective gloves Material of gloves The selection of the manufacturer to martice Penetration time of 	and hygienic measures: ary measures are to be adhered to when har tion: sure or low pollution use respiratory filter devi- device. ory protective device in case of insufficient vers: as to be impermeable and resistant to the pro no recommendation to the glove material can be material on consideration of the penetration suitable gloves does not only depend on the n ufacturer. f glove material	ce. In case of intensive or longer exposure use self-contained entilation. duct/ the substance/ the preparation. b be given for the product/ the preparation/ the chemical mixtu	

09 Physical and chemical properties

Information on basic physical and che	emical properties	
General Information		
Appearance:		
Form:	Powder	
Colour:	Yellowish	
Odour:	Nearly odourless	
Odour threshold:	Not determined.	
Change in condition		
Melting point/Melting range:	95 °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:		



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Dynamic:	Not determined.	(Contd. of page 3)
Kinematic:	Not determined.	
Other information	No further relevant information available.	

- Reactivity
 Chemical structure
- 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.

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.

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Printing date: 07.07.2016 **PRODUCT** : Fmoc-D-Cys(4-methoxytrityl)-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

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PRODUCT : Fmoc-D-Cys(4-methoxytrityl)-OH (Contd. of page 5) · Abbreviations and acronyms: ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International 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