



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

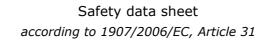
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Revision: 01.03.2011 Printing date: 07.07.2016

1 Io	dentification of the substance/mixture and of the company/undertaking
• [Product identifier
	Trade name:
	(Boc-Cys-OH)₂
	(Disulfide bond)
• /	Article number:
r	new: 4001680 old: A-1005
• (CAS Number:
	10389-65-8
	EC number:
2	233-852-9
	Relevant identified uses of the substance or mixture and uses advised against
	Application of the substance / the preparation
L	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
F	Fax +41 58 595 2040
• 1	Further information obtainable from:
[Department: Marketing
	Emergency telephone number:
	+41 44 251 51 51 (Tox Info Suisse)
зц	lazards identification
	Classification of the substance or mixture
	Classification of the substance of mixture Classification according to Regulation (EC) No 1272/2008
	Void
	Label elements
	Labelling according to Regulation (EC) No 1272/2008
	Void
• 5	Signal word
	Void
	Hazard statements
	Void Other bererde
	Other hazards Results of PBT and vPvB assessment
	PBT:
	Not applicable.
	vPvB:
	Not applicable.

(Contd. on page 2)

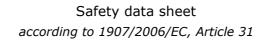


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PRODUCT: (Boc-Cys-OH)₂ (Disulfide bond)	
	(Contd. of page 1)
03 Composition/information on ingredients	(*******************
Chemical characterization: Substances	
CAS No. Description	
10389-65-8 (Boc-Cys-OH)₂	
Identification number(s)	
EINECS Number:	
233-852-9	
RTECS Number: -	
04 First aid measures	
General information:	
No special measures required.	
After inhalation:	
Supply fresh air; consult doctor in case of complaints.	
After skin contact: Immediately upon with water and econ and rines therewalky	
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	
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 Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. 	
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(Disulfide bond)	
	(Contd. of page
 Information about storage in o 	ne common storage facility:
Store away from foodstuffs.	
Further information about store	age conditions:
Store in dry conditions.	seek we
 Recommended storage tempe RT 	
 Specific end use(s) 	
No further relevant information av	ailable.
8 Exposure controls/perso	
	at require monitoring at the workplace:
Not required.	
Additional information: The lists used during the mediatery	
The lists valid during the making vPersonal protective equipmen	
 General protective and hygien 	
	is are to be adhered to when handling chemicals.
Respiratory protection:	s are to be adhered to when handling chemicals.
	ollution use respiratory filter device. In case of intensive or longer exposure use self-contained
respiratory protective device.	
Use suitable respiratory protective	e device in case of insufficient ventilation.
 Protection of hands: 	
	ermeable and resistant to the product/ the substance/ the preparation.
•	ndation to the glove material can be given for the product/ the preparation/ the chemical mixture
Selection of the glove material on Protective gloves	consideration of the penetration times, rates of diffusion and the degradation
Material of gloves	
U	es does not only depend on the material, but also on further marks of quality and varies from
manufacturer to manufacturer.	
Penetration time of glove mate	erial
5	to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection:	
Safety glasses	

General Information		
Appearance:		
Form:	Powder	
Colour:	White	
Odour:	Nearly odourless	
Odour threshold:	Not determined.	
Molecular Weight	440,5400 g/mol	
Change in condition		
Melting point/Melting range:	145 °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.	



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PRODUCT : (Boc-Cys-OH) ₂ (Disulfide bond)	
	(Contd. of page 3
Vapour pressure:	Not determined.
Density:	Not determined.
Solubility in / Miscibility with	
water:	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Other information	No further relevant information available.

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. Dangerous decomposition products:
- No dangerous decomposition products.

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.



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	Printing date: 07.0
PRODUCT :	(Boc-Cys-OH)₂ (Disulfide bond)
	(Contd. of page 4)
.3 Disposa	considerations
Waste tre	atment methods
 Waste dis 	sposal key:
18 02 06	
Linglage	
	d packaging:
Recomm	
Disposal n	nust be made according to official regulations.
.4 Transpo	rt information
ADR/RID c	ass: -
IMDG Clas	S: -
ICAO/IATA	Class:
Environm	ental hazards:
Not applic	
	in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applic	-
.5 Regulat	ory information
 Chemica 	safety assessment:
A Chemica	I Safety Assessment has not been carried out.
l6 Other in	formation
	on is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features
	establish a legally valid contractual relationship.
Departme	ent issuing MSDS:
•	It: Marketing
	ions and acronyms:
	rd européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the Internation
	f Dangerous Goods by Road)
-	ment international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning th
	al Transport of Dangerous Goods by Rail)
	rnational Maritime Code for Dangerous Goods
	national Air Transport Association
	rnational Civil Aviation Organisation
	uropean Inventory of Existing Commercial Chemical Substances

- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- RTECS: Registry of Toxic Effects of Chemical Substances
- * Data compared to the previous version altered.