

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

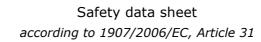
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Revision: 20.01.2017 Printing date: 20.01.2017

•	Product identifier
•	Trade name:
	Boc-D-Homocys(Trt)-OH
•	Article number:
	new: 4041792 old: A-4620
•	CAS Number: 1301706-43-3
•	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 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
•	
•	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.
	· · · · · · · · · · · · · · · · · · ·

- Chemical characterization: Substances
- CAS No.
- *Description* Boc-D-Homocys(Trt)-OH 1301706-43-3
- Identification number(s)
- EC number:
- RTECS Number:
- GB





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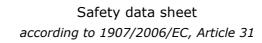
# **PRODUCT:** Boc-D-Homocys(Trt)-OH (Contd. of page 1) 04 First aid measures · Description of first aid measures · After inhalation: Supply fresh air; consult doctor in case of complaints. · After skin contact: Immediately wash with water and soap and rinse thoroughly. After eye contact: Rinse opened 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:
   < -15 °C</li>
- Specific end use(s)
- No further relevant information available



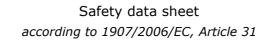
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08 Exposure controls	/nersonal protection	(Contd. of page
Control parameters		
<ul> <li>Ingredients with limit vi</li> </ul>	alues that require monitoring at the wor	kplace:
Additional information:		
The lists valid during the	making were used as basis.	
Exposure controls		
<ul> <li>Personal protective eq</li> </ul>	uipment:	
General protective and	hygienic measures:	
The usual precautionary	measures are to be adhered to when handlin	ng chemicals.
<ul> <li>Respiratory protection</li> </ul>	:	
		In case of intensive or longer exposure use self-contained
respiratory protective dev		
	protective device in case of insufficient ventil	ation.
Protection of hands:     The alarse metarial base to		
•	be impermeable and resistant to the produc	e given for the product/ the preparation.
•	terial on consideration of the penetration tim	
Protective gloves		
<ul> <li>Material of gloves</li> </ul>		
6	ble gloves does not only depend on the mate	erial, but also on further marks of quality and varies from
manufacturer to manufac	• • • •	
<ul> <li>Penetration time of glo</li> </ul>	ve material	
The exact break through	time has to be found out by the manufacture	er of the protective gloves and has to be observed.
Eye protection:		
Safety glasses		

Information on basic physical and che	emical properties	
General Information		
Appearance:		
Form:	Powder	
Colour:	White	
Odour:	Nearly odourless	
Odour threshold:	Not determined.	
pH-value:	Not determined.	
Change in condition		
Melting point/Melting range:	134 °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-D-Homocys(Trt)-OH

Kinematic: Other information Not determined.

No further relevant information available.

### 10 Stability and reactivity

- Reactivity
- · 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

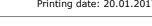
- · Information on toxicological effects
- Acute toxicity:
- No further relevant information available.
- · Primary irritant effect:
- · on the skin:
  - No further relevant information available.
- on the eye: No further relevant information available.
- Sensitization:
- No sensitising effects known.
- Additional toxicological information:

The substance is not subject to classification according to the latest version of the EU lists.

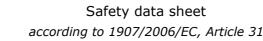
# 12 Ecological information

- 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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#### **PRODUCT** : Boc-D-Homocys(Trt)-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.
- Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

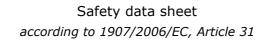
# 16 Other information

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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Abbreviations and acronyms:	
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the Internat	ona
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	
* Data compared to the previous version altered.	