

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

693100

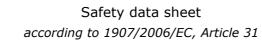
Revision: 11.01.2012 Printing date: 07.07.2016

•	Product identifier	
•	Trade name:	
	Boc-Ala-Gly-Gly-OH	
•	Article number:	
	new: 4009580 old: A-1120	
•	CAS Number:	
	115035-47-7	
	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 sofety data sheet	
	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)	
י ר	Lazarda idantification	
	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 handrade	
	Other hazards Results of PBT and vPvB assessment	
	PBT:	
	Not applicable.	
•	vPvB:	
	Not applicable.	

- CAS No.
- *Description* Boc-Ala-Gly-Gly-OH 115035-47-7
- Identification number(s)
- EC number:
- RTECS Number:

GB





693100

BACHEM

Revision: 11.01.2012 Printing date: 07.07.2016

PRODUCT : Boc-Ala-Gly-Gly-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 firefightersProtective equipment:
- No special measures required.

06 Accidental release measures

Personal precautions, protective equipment and emergency procedures
 Not required.

Environmental precautions:

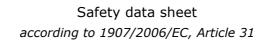
- No special measures required.
- Methods and material for containment and cleaning up: Pick up mechanically.

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

(Contd. on page 3)





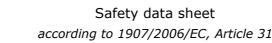
693100

BACHEM

Revision: 11.01.2012 Printing date: 07.07.2016

PRODUCT :	Boc-Ala-Gly-Gly-OH
	(Contd. of page 2
08 Exposure	controls/personal protection
 Ingredients 	with limit values that require monitoring at the workplace:
CAS No. Not required	Designation of material
 Personal p General printhe usual p Respiratory p Respiratory p Use suitable Protection The glove n Due to mission Selection of Protective g Material of The selection manufacture Penetratio 	 d during the making were used as basis. rotective equipment: otective and hygienic measures: ecautionary measures are to be adhered to when handling chemicals. / protection: ief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained rotective device. respiratory protective device in case of insufficient ventilation. of hands: aterial has to be impermeable and resistant to the product/ the substance/ the preparation. ng tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. the glove material on consideration of the penetration times, rates of diffusion and the degradation oves gloves n of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from r to manufacturer. n time of glove material eak through time has to be found out by the manufacturer of the protective gloves and has to be observed.

General Information		
Appearance:		
Form:	Powder	
Colour:	White	
Odour:	Nearly odourless	
Odour threshold:	Not determined.	
Molecular Weight	303,3200 g/mol	
Change in condition		
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.	



693100

BACHEM

Revision: 11.01.2012 Printing date: 07.07.2016

(Contd. of page 3)

PRODUCT : Boc-Ala-Gly-Gly-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
- 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



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

693100

Revision: 11.01.2012 Printing date: 07.07.2016

	(Contd. of page 4,
14 Transpo	ort information
ADR/RID o	lass:
IMDG Clas	
	Class:
	nental hazards:
Not applic	
	t in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applic	
15 Regulat	ory information
Notional	
 National 	regulations:
 Waterha 	zard class:
Generally	not hazardous for water.Self-assessment
 Chemica 	I safety assessment:
	a suicty assessment.
A Chemic	al Safety Assessment has not been carried out.
A Chemic	al Safety Assessment has not been carried out.
A Chemic 16 Other in This informa	al Safety Assessment has not been carried out.
A Chemic L6 Other in This informa and shall not	al Safety Assessment has not been carried out. Iformation tion is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features
A Chemic L6 Other in This informa and shall not • Departm	al Safety Assessment has not been carried out. Information tion is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features establish a legally valid contractual relationship.
A Chemic L6 Other in This informa and shall not • Departm Departme • Abbrevia	al Safety Assessment has not been carried out.
A Chemic L6 Other in This informa and shall not Departm Departme Abbrevia ADR: Acc	al Safety Assessment has not been carried out. Information tion is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features establish a legally valid contractual relationship. ent issuing MSDS: nt: Marketing tions and acronyms: ord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the Internation
A Chemic L6 Other in This informa and shall not Departm Departme Abbrevia ADR: Acc Carriage of	al Safety Assessment has not been carried out. Information tion is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features establish a legally valid contractual relationship. ent issuing MSDS: nt: Marketing tions and acronyms: ord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the Internatio of Dangerous Goods by Road)
A Chemic L6 Other in This informa and shall not Departme Departme Abbrevia ADR: Acc Carriage of RID: Règl	al Safety Assessment has not been carried out.
A Chemic L6 Other in This informa and shall not Departme Departme Abbrevia ADR: Acc Carriage of RID: Règi Internation	al Safety Assessment has not been carried out.
A Chemic L6 Other in This informa and shall not Departme Departme Abbrevia ADR: Acc Carriage of RID: Règi Internation IMDG: Int	Al Safety Assessment has not been carried out.
A Chemic L6 Other in This informa and shall not Departme Departme Abbrevia ADR: Acc Carriage of RID: Règi Internation IMDG: Int IATA: Inte	al Safety Assessment has not been carried out.
A Chemic L6 Other in This informa and shall not Departme Departme Abbrevia ADR: Acc Carriage a RID: Règl Internation IMDG: Int IATA: Inte ICAO: Inte	Al Safety Assessment has not been carried out.
A Chemic .6 Other in This informa and shall not • Departm Departme • Abbrevia ADR: Acc Carriage Q RID: Règil Internation IMDG: Int IATA: Inte ICAO: Inte EINECS:	Al Safety Assessment has not been carried out.
A Chemic 6 Other in This informa and shall not • Departm Departme • Abbrevia ADR: Acc Carriage of RID: Règil Internation IMDG: Intt IATA: Inte ICAO: Intt EINECS: CAS: Che	Al Safety Assessment has not been carried out.
A Chemic 6 Other in This informa and shall not • Departme • Abbrevia ADR: Acc Carriage e RID: Règi Internation IMDG: Int IATA: Inte ICAO: Inte EINECS: CAS: Che RTECS: F WGK: Wa	al Safety Assessment has not been carried out. Iformation Ition is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features establish a legally valid contractual relationship. ent issuing MSDS: nt: Marketing tions and acronyms: ord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the Internation of Dangerous Goods by Road) ement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the al Transport of Dangerous Goods by Rail) ernational Maritime Code for Dangerous Goods rmational Air Transport Association ernational Air Transport Association European Inventory of Existing Commercial Chemical Substances mical Abstracts Service (division of the American Chemical Society) Registry of Toxic Effects of Chemical Substances ssergefährdungsklasse
A Chemic L6 Other in This informa and shall not Departme Departme Abbrevia ADR: Acc Carriage of RID: Règi Internation IMDG: Int IATA: Inter ICAO: Inta EINECS: CAS: Che RTECS: F WGK: Wa vPvB: ver	al Safety Assessment has not been carried out. Information tion is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features establish a legally valid contractual relationship. ent issuing MSDS: nt: Marketing tions and acronyms: ord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the Internation of Dangerous Goods by Road) ement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the nal Transport of Dangerous Goods by Rail) ernational Maritime Code for Dangerous Goods rnational Air Transport Association ernational Civil Aviation Organisation European Inventory of Existing Commercial Chemical Substances mical Abstracts Service (division of the American Chemical Society) Registry of Toxic Effects of Chemical Substances