

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

869300

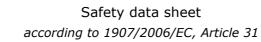
Revision: 03.04.2012 Printing date: 07.07.2016

1 Identification of the substance/mixture and of the company/undertak	king
Product identifier	
Trade name:	
H-Glu(OtBu)-NH ₂ · HCl	
Article number:	
new: 4003690 old: E-1880	
CAS Number:	
108607-02-9	
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)	
2 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	
VoidHazard statements	
Void • Hazard statements Void	
Void • Hazard statements Void • Other hazards	
 Void Hazard statements Void Other hazards Results of PBT and vPvB assessment 	
 Void Hazard statements Void Other hazards Results of PBT and vPvB assessment PBT: 	
 Void Hazard statements Void Other hazards Results of PBT and vPvB assessment PBT: Not applicable. 	
 Void Hazard statements Void Other hazards Results of PBT and vPvB assessment PBT: 	
Void • Hazard statements Void • Other hazards • Results of PBT and vPvB assessment • PBT: Not applicable. • vPvB:	
Void • Hazard statements Void • Other hazards • Results of PBT and vPvB assessment • PBT: Not applicable. • vPvB: Not applicable.	
 Void Hazard statements Void Other hazards Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. 3 Composition/information on ingredients	
Void • Hazard statements Void • Other hazards • Results of PBT and vPvB assessment • PBT: Not applicable. • vPvB: Not applicable.	

- EC number:
- RTECS Number:

GB





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BACHEM

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PRODUCT : H-Glu(OtBu)-NH₂ · HCl (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:

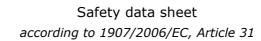
- No special measures required.
- Methods and material for containment and cleaning up: Pick up mechanically.

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.

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 8 Exposure controls/personal protection Ingredients with limit values that require monitoring at the workplace: CAS No. Designation of material Not required. Additional information: The lists valid during the making were used as basis. Personal protective equipment: General protective equipment: General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device. Use suitable respiratory protective device in case of insufficient ventilation. Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. 			(Contd. of page 2)
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Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.	The lists valid du Personal protec General protec The usual precau Respiratory pro In case of brief er respiratory protec Use suitable resp Protection of ha The glove materi	ng the making were used as basis. tive equipment: ve and hygienic measures: ionary measures are to be adhered to when handling chemicals. ection: posure or low pollution use respiratory filter device. In case of inter tive device. ratory protective device in case of insufficient ventilation. nds: I has to be impermeable and resistant to the product/ the substance	ce/ the preparation.
	manufacturer to rPenetration tim		

General Information	
Appearance:	
Form:	Powder
Colour:	White
Odour:	Nearly odourless
Odour threshold:	Not determined.
Molecular Weight	238,7100 g/mol
Change in condition	
Melting point/Melting range:	211 - 213 °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.
Kinematic:	Not determined.



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PRODUCT : H-Glu(OtBu)-NH₂ · HCl

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
- Bloaccumulative 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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	(Contd. of page 4)
14 Transpo	ort information
ADR/RID a	lass: -
IMDG Clas	
ICAO/IATA	Class:
	nental hazards:
 Environi Not applic 	
	t in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applic	
15 Pequilat	ory information
13 Regulat	
• Notional	regulationer
• National	regulations:
 Waterha 	zard class:
Generally	not hazardous for water.Self-assessment
Chemics	Lasfety appagament:
	I safety assessment:
A Chemic	al Safety Assessment has not been carried out.
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