

1261800

BACHEM

Revision: 12.10.2012 Printing date: 07.07.2016

•	Product identifier
•	Trade name:
	H-Arg-Asn-Ile-Ala-Glu-Ile-Ile-Lys-Asp-Ile-OH
•	Article number:
	new: 4030803 old: H-1016
•	CAS Number:
	120180-27-0
	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)
	Hazards identification
	Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008
•	
•	Label elements
•	Labelling according to Regulation (EC) No 1272/2008
	Void
•	Signal word Void
•	Hazard statements
	Void
	Other hazards
	Results of PBT and vPvB assessment
•	PBT:
ć	Not applicable.
•	vPvB: Not applicable.

- CAS No.Description120180-27-0H-Arg-Asn-Ile-Ala-Glu-Ile-Ile-Lys-Asp-Ile-OH• Identification number(s)
- EC number:
- RTECS Number:
- GB



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

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PRODUCT: H-Arg-Asn-Ile-Ala-Glu-Ile-Ile-Lys-Asp-Ile-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 firefighters
- Protective equipment:
- No special measures required.

06 Accidental release measures

• Personal precautions, protective equipment and emergency procedures Not required.

Environmental precautions:

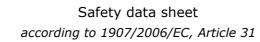
No special measures required.
Methods and material for containment and cleaning up: Pick up mechanically.

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

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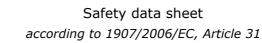
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	Conta of non
8 F)	(Contd. of page 2) cposure controls/personal protection
	ngredients with limit values that require monitoring at the workplace:
	IS No. Designation of material lot required.
• A	dditional information:
Т	he lists valid during the making were used as basis.
	ersonal protective equipment:
	Seneral protective and hygienic measures:
	he usual precautionary measures are to be adhered to when handling chemicals.
	tespiratory protection:
	a case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained espiratory protective device.
	se suitable respiratory protective device in case of insufficient ventilation.
	rotection of hands:
Т	he glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
D	ue to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
	election of the glove material on consideration of the penetration times, rates of diffusion and the degradation
	rotective gloves
	laterial of gloves
	he selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from anufacturer to manufacturer.
	enetration time of glove material
	he exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
	ve protection:

General Information	
Appearance:	
Form:	Powder
Colour:	White
Odour:	Nearly odourless
Odour threshold:	Not determined.
Molecular Weight	1.184,4000 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:	at 25 ℃ 1,00 g/l
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.





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PRODUCT : H-Arg-Asn-Ile-Ala-Glu-Ile-Ile-Lys-Asp-Ile-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

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PRODUCT : H-Arg-Asn-Ile-Ala-Glu-Ile-Ile-Lys-Asp-Ile-OH	
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14 Transport information	, , , , , ,
ADR/RID class:	
IMDG Class: -	
ICAO/IATA Class: -	
Environmental hazards:	
Not applicable.	
 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable. 	
15 Regulatory information	
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 g	juarantee for any specific product features
and shall not establish a legally valid contractual relationship.	
 Department issuing MSDS: 	
Department: Marketing	
Abbreviations and acronyms: ADB: Accord autor for any la transport des marchandises descerations per Baute (Fu	reneen Arreement concerning the International
ADR: Accord européen sur le transport des marchandises dangereuses par Route (Eu Carriage of Dangerous Goods by Road)	ropean Agreement concerning the International
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	
ICAO: International Civil Aviation Organisation	
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	
 * Data compared to the previous version altered. 	