

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

819400

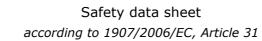
Revision: 16.03.2012 Printing date: 07.07.2016

•	Product identifier
•	Trade name:
	Ac-Arg(Pmc)-OH
•	Article number:
	new: 4018529 old: E-3015
•	CAS Number:
	163277-77-8
•	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
	Void
•	Signal word
	Void Hazard statements
•	Void
•	Other hazards
•	Results of PBT and vPvB assessment
•	PBT:
	Not applicable. vPvB:
•	Not applicable.

- 163277-77-8 Identification number(s)
- EC number:
- RTECS Number:

GB





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PRODUCT : Ac-Arg(Pmc)-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:

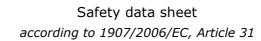
- No special measures required.
- Methods and material for containment and cleaning up: Pick up mechanically.

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:
- +5 +/- 3 °C
- Specific end use(s)
- No further relevant information available.

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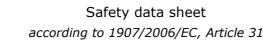
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PRODUCT : Ac-Arg	(Pmc)-OH	
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08 Exposure contr	ols/personal protection	
 Ingredients with lin 	t values that require monitoring at the work	place:
CAS No. Not required.	Designation of material	
 Personal protective The usual precaution Respiratory protection In case of brief exposi- respiratory protective Use suitable respirat Protection of hand The glove material ha Due to missing tests Selection of the gloves Protective gloves Material of gloves The selection of the si- manufacturer to man Penetration time of 	he making were used as basis. equipment: and hygienic measures: iry measures are to be adhered to when handling on: ure or low pollution use respiratory filter device. I device. ry protective device in case of insufficient ventila : s to be impermeable and resistant to the product o recommendation to the glove material can be material on consideration of the penetration time uitable gloves does not only depend on the mater facturer. glove material	n case of intensive or longer exposure use self-contained tion. / the substance/ the preparation. given for the product/ the preparation/ the chemical mixture.

General Information		
Appearance:		
Form:	Powder	
Colour:	White	
Odour:	Nearly odourless	
Odour threshold:	Not determined.	
Molecular Weight	482,6000 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.	



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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



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PRODUCT : Ac-Arg(Pmc)-OH (Contd. of page 4) 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 guarantee for any specific product features and shall not establish a legally valid contractual relationship. · Department issuing MSDS: Department: Marketing Abbreviations and acronyms: ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International 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 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.