

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

1487200

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Revision: 06.11.2013 Printing date: 07.07.2016

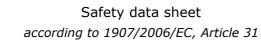
•	Product identifier
	Trade name: Ac-Met(O)-OH
	Article number: new: 4018504 old: F-2940
	CAS Number: 108646-71-5
•	Relevant identified uses of the substance or mixture and uses advised against Application of the substance / the preparation Laboratory chemicals
•	Details of the supplier of the safety 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	lazards 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 hazards Results of PBT and vPvB assessment PBT:
•	Not applicable. vPvB: Not applicable.
	Composition/information on ingredients

108646-71-5 Ac-Met(O)-OH • Identification number(s)

- EC number:
- RTECS Number:

GB





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### PRODUCT : Ac-Met(O)-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.

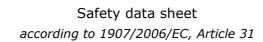
### 06 Accidental release measures

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





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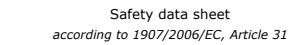
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PRO	DUCT : Ac-Met(O)-OH
	(Contd. of page 2)
08	Exposure controls/personal protection
•	Control parameters
•	Ingredients with limit values that require monitoring at the workplace:
C	CAS No. Designation of material
	Not required.
•	Additional information:
	The lists valid during the making were used as basis.
•	Exposure controls
•	Personal 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.
	Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
	Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
	Protective gloves
•	Material of gloves
	The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
•	Penetration time of glove material
	The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
•	Eye protection:
	Safety glasses

# 09 Physical and chemical properties

Information on basic physical and che 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:	130 °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.	

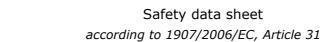




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PRODUCT : Ac-Met(O)-OH	
	(Control of page
Viscosity:	(Contd. of page
Dynamic:	Not determined.
Kinematic:	Not determined.
Other information	No further relevant information available.
10 Stability and reactivity	
<ul> <li>Reactivity</li> <li>Chemical stability</li> </ul>	
<ul> <li>Chemical stability</li> <li>Thermal decomposition / cond</li> </ul>	ditions to be availed:
No decomposition if used accordi	
<ul> <li>Possibility of hazardous reaction</li> </ul>	
No dangerous reactions known.	
Conditions to avoid	
No further relevant information av	ailable.
<ul> <li>Incompatible materials:</li> </ul>	
No further relevant information av	
Hazardous decomposition pro	
No dangerous decomposition proc	ducts known.
11 Tovicological informatio	
11 Toxicological informatio	
Information on toxicological ef	ifects
Acute toxicity:	
No further relevant information av	alladie.
<ul><li>Primary irritant effect:</li><li>on the skin:</li></ul>	
No further relevant information av	railahle
<ul> <li>on the eye:</li> </ul>	
No further relevant information av	railable.
Sensitization:	
No sensitizing effects known.	
<ul> <li>Additional toxicological information</li> </ul>	ation:
The substance is not subject to cl	lassification according to the latest version of the EU lists.
<ul><li>12 Ecological information</li><li>Toxicity</li></ul>	
<ul><li>Aquatic toxicity:</li></ul>	
No further relevant information av	ailable.
<ul> <li>Persistence and degradability</li> </ul>	
No further relevant information av	
Behaviour in environmental sy	/stems:
Bioaccumulative potential	
No further relevant information av	alladie.
Mobility in soil	
<ul> <li>No further relevant information av</li> <li>Additional ecological informati</li> </ul>	
General notes:	
<ul> <li>General notes.</li> <li>Not known to be hazardous to wa</li> </ul>	iter
<ul> <li>Results of PBT and vPvB ass</li> </ul>	
• PBT:	
Not applicable.	
• vPvB:	
Not applicable.	
Not applicable. <ul> <li>Other adverse effects</li> </ul>	



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# PRODUCT : Ac-Met(O)-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.

UN-Number		
ADR	Void	
IMDG	Void	
ΙΑΤΑ	Void	
<ul> <li>UN proper shipping name</li> </ul>		
ADR	Void	
IMDG	Void	
ΙΑΤΑ	Void	
<ul> <li>Transport hazard class(es)</li> </ul>		
Class	Void	
IMDG		
Class	Void	
ΙΑΤΑ		
Class	Void	
<ul> <li>Packing group</li> </ul>		
ADR	Void	
IMDG	Void	
ΙΑΤΑ	Void	
<ul> <li>Environmental hazards: Not applicable.</li> <li>Transport in bulk according to Anne Not applicable.</li> </ul>	x II of MARPOL73/78 and the IBC Code	

# 15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture

- · 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

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Abbreviations and acronyms:
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the Internationa
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
vPvB: very Persistent and very Bioaccumulative