

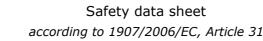


# Safety data sheet according to 1907/2006/EC, Article 31

1735100

Revision: 04.11.2015 Printing date: 07.07.2016

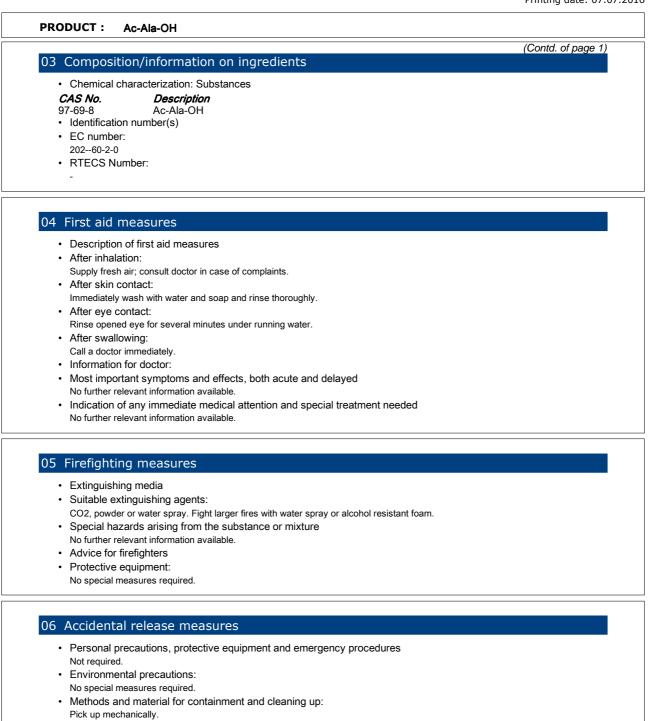
. 1	identification of the substance/mixture and of the company/undertaking
•	Product identifier
•	Trade name:
	Ac-Ala-OH
	2-Acetamidopropionic acid
	Article number:
	new: 4001766 old: E-1005
•	CAS Number:
	97-69-8
•	EC number:
	20260-2-0
•	Relevant identified uses of the substance or mixture and uses 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
	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.



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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:

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<ul> <li>Requirements to</li> </ul>	be met by storerooms and receptacles:
No special require	•
	it storage in one common storage facility:
Store away from for	
•	on about storage conditions:
Store in dry condit	-
Recommended s	storage temperature:
RT	
<ul> <li>Specific end use</li> </ul>	.(S)
No further relevant	t information available.
8 Exposure con	trols/personal protection
Control paramet	
-	limit values that require monitoring at the workplace:
CAS No.	Designation of material
Not required.	
Additional inform	lation.
	ng the making were used as basis.
Exposure contro	ls
<ul> <li>Personal protect</li> </ul>	ive equipment:
<ul> <li>General protectivity</li> </ul>	ve and hygienic measures:
The usual precaut	ionary measures are to be adhered to when handling chemicals.
<ul> <li>Respiratory prot</li> </ul>	ection:
	posure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained
respiratory protect	
	ratory protective device in case of insufficient ventilation.
<ul> <li>Protection of har The glove material</li> </ul>	
-	has to be impermeable and resistant to the product/ the substance/ the preparation. ts no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
-	by ematerial on consideration of the penetration times, rates of diffusion and the degradation
Protective gloves	
<ul> <li>Material of glove</li> </ul>	S
-	e suitable gloves does not only depend on the material, but also on further marks of quality and varies from
manufacturer to m	anufacturer.
<ul> <li>Penetration time</li> </ul>	of glove material
The exact break th	rough time has to be found out by the manufacturer of the protective gloves and has to be observed.
<ul> <li>Eye protection:</li> </ul>	
Safety glasses	
9 Physical and	chemical properties

Powder	
White	
Nearly odourless	
Not determined.	
Not determined.	
128 °C	
<b>3</b> 0	
Not applicable.	
Not applicable.	
	White Nearly odourless Not determined. Not determined. 128 °C 0 °C Not applicable.



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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 24 ℃ 10,00 g/l
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Other information	No further relevant information available.

### 10 Stability and reactivity

- Reactivity
- · Chemical stability
- 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

- Information on toxicological effects
- 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 sensitising effects known.
- Additional toxicological information:

The substance is not subject to classification according to the latest version of the EU lists.

#### 12 Ecological information

- Toxicity
- · Aquatic 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.

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PRODUCT : Ac-Ala-OH						
Additional ecological information:		(Contd. of page 4)				
General notes:						
Not known to be hazardous to water.						
Results of PBT and vPvB assessment						
PBT:     Not applicable						
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						
<ul><li>Uncleaned packaging:</li><li>Recommendation:</li></ul>						
Disposal must be made according to official re	equiations.					
14 Transport information						
UN-Number						
ADR IMDG	Void Void					
IATA	Void					
	Void					
<ul> <li>UN proper shipping name ADR</li> </ul>	Void					
IMDG	Void					
ΙΑΤΑ	Void					
<ul> <li>Transport hazard class(es)</li> <li>ADR</li> </ul>						
Class	Void					
IMDG						
Class	Void					
ΙΑΤΑ						
Class	Void					
Packing group						
ADR IMDG	Void Void					
IATA	Void					
	Void					
Not applicable.						
<ul> <li>Transport in bulk according to Annex II o Not applicable.</li> </ul>						
<ul> <li>Transport/Additional information: Not applicable.</li> </ul>						

### 15 Regulatory information

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

• National regulations:

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#### PRODUCT : Ac-Ala-OH

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- 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 transpondent de la contraction de la contractione de la
- 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 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