

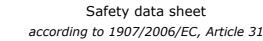


Safety data sheet according to 1907/2006/EC, Article 31

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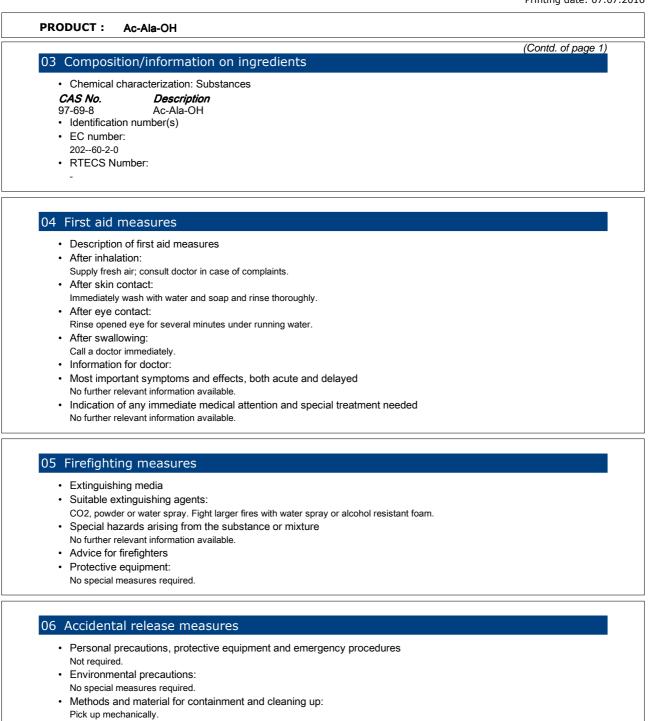
. 1	identification of the substance/mixture and of the company/undertaking
•	Product identifier
•	Trade name:
	Ac-Ala-OH
	2-Acetamidopropionic acid
	Article number:
	new: 4001766 old: E-1005
•	CAS Number:
	97-69-8
•	EC number:
	20260-2-0
•	Relevant identified uses of the substance or mixture and uses 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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 Requirements to 	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	
 Specific end use 	.(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
 Personal protect 	ive equipment:
 General protectivity 	ve and hygienic measures:
The usual precaut	ionary measures are to be adhered to when handling chemicals.
 Respiratory prot 	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.
 Protection of har The glove material 	
-	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	
 Material of glove 	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.
 Penetration time 	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.
 Eye protection: 	
Safety glasses	
9 Physical and	chemical properties

Powder	
White	
Nearly odourless	
Not determined.	
Not determined.	
128 °C	
3 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						
Uncleaned packaging:Recommendation:						
Disposal must be made according to official re	equiations.					
14 Transport information						
UN-Number						
ADR IMDG	Void Void					
IATA	Void					
	Void					
 UN proper shipping name ADR 	Void					
IMDG	Void					
ΙΑΤΑ	Void					
 Transport hazard class(es) ADR 						
Class	Void					
IMDG						
Class	Void					
ΙΑΤΑ						
Class	Void					
Packing group						
ADR IMDG	Void Void					
IATA	Void					
	Void					
Not applicable.						
 Transport in bulk according to Annex II o Not applicable. 						
 Transport/Additional information: Not applicable. 						

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