

946700

BACHEM

Revision: 23.04.2012 Printing date: 07.07.2016

•	Product identifier
	Trade name: (Des-Gly)-Glutathione-monoethyl ester (reduced)
	Article number: new: 4026208 old: G-4430
	CAS Number: 114627-30-4
•	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)
	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.

- Chemical characterization: Substances
- CAS No.Description114627-30-4(Des-Gly)-Glutathione-monoethyl ester (reduced)• Identification number(s)
- EC number:
- RTECS Number:
- GB





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

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04 First aid measures	(Contd. of page 1)
After inhalation:	
Supply fresh air; consult doctor in case of complaints. After skin contact: 	
Immediately wash with water and soap and rinse thoroughly.	
After eve 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.	

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:

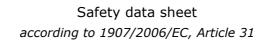
No special measures required.Methods and material for containment and cleaning up: Pick up mechanically.

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.

(Contd. on page 3)





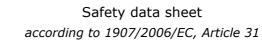
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 Ingredients with lin CAS No. Not required. Additional information 	Is/personal protection t values that require monitoring at th <i>Designation of material</i>	e workplace:	(cond	l. of page 2)
 CAS No. Not required. Additional informat The lists valid during 	Designation of material	e workplace:		
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The lists valid during	n:			
 General 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 glove Protective gloves Material of gloves 	In hygienic measures: ry measures are to be adhered to when on: ire or low pollution use respiratory filter device. y protective device in case of insufficier to be impermeable and resistant to the precommendation to the glove material material on consideration of the penetra itable gloves does not only depend on t facturer.	levice. In case of intensive of t ventilation. product/ the substance/ the can be given for the product ion times, rates of diffusion a	preparation. t/ the preparation/ the chemi and the degradation	cal mixture.

General Information	
Appearance:	
Form:	Powder
Colour:	White
Odour:	Nearly odourless
Odour threshold:	Not determined.
Molecular Weight	278,3300 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 : (Des-Gly)-Glutathione-monoethyl ester (reduced)

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
- 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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IATA: International Air Transport Association ICAO: International Civil Aviation Organisation		- , - <u></u>
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WGK: Wassergefährdungsklasse

vPvB: very Persistent and very Bioaccumulative

• * Data compared to the previous version altered.