

Glycine

Pool-i.d. GmbH & Co. KG

76344 Eggenstein-Leopoldshafen

Date printed: 24.02.2010, Revision: 23.02.2010

Page 1 / 4

1 Identification of the substance / preparation and of the company**Glycine**

Registration number: not applicable
Use: Reagent for analysis of water
Identified use: none
Method of operation: See product information.
Company: Pool-i.d. GmbH & Co. KG
 Daimlerstrasse 20
 76344 Eggenstein-Leopoldshafen / GERMANY
 Phone: +49(0)721-782029-0
 Fax: +49(0)721-782029-11
 Homepage: www.pool-id.com
 E-mail: info@pool-id.com
Emergency phone: +49 (0) 89-19240 (24h) (english)
Responsible: Schroeder@chemiebuero.de

2 Hazards identification

Physico-chemical hazards: See chapter 10.
Human health dangers: No particular hazards known.
Environmental hazards: No particular hazards known.
Other hazards: none
Hazard symbols: none
R-phrases: none

3 Composition / Information on ingredients

Range [%]	Substance
1 - < 5,5	Boric acid
	Registration: CAS: 10043-35-3, EINECS/ELINCS: 233-139-2, EU-INDEX: 005-007-00-2, ECBnr:
	GHS/CLP:
	EEC: T, R60-61

Comment on component parts: For the wording of the listed risk phrases refer to section 16.

4 First aid measures

General information: not applicable
Inhalation: not applicable
Skin contact: When in contact with the skin, clean with soap and water.
 Consult a doctor if skin irritation persists.
Eye contact: In case of contact with eyes rinse thoroughly with water.
 In the event of symptoms seek for medical treatment.
Ingestion: Supply with medical care.
 Rinse out mouth and give plenty of water to drink.
Advice to doctor: Treat symptomatically.

5 Fire-fighting measures

Suitable extinguishing media: foam, dry powder, water spray jet, carbon dioxide
Extinguishing media that must not be used: Full water jet
Special exposure hazards arising from the substance or preparation itself or combustion products: Unknown risk of formation of toxic pyrolysis products.
 Nitrous gases.
Special protective equipment for firefighters: Use self-contained breathing apparatus.
Additional information: Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

6 Accidental release measures

Personal precautions: No special measures necessary.
Environmental precautions: Do not discharge into the drains/surface waters/groundwater.
Methods for cleaning up: Take up mechanically. Avoid production of dust.
 Dispose of absorbed material in accordance within the regulations.

Glycine

Pool-i.d. GmbH & Co. KG

76344 Eggenstein-Leopoldshafen

Date printed: 24.02.2010, Revision: 23.02.2010

Page 2 / 4

7 Handling and storage

Advice on safe handling:	No special measures necessary if used correctly.
Advice on protection against fire and explosion:	The product is combustible.
Requirements for storage rooms and vessels:	Keep only in original container.
Advice on storage compatibility:	Do not store together with oxidizing agents.
Further information on storage conditions:	Keep container tightly closed. Store in a dry place.

8 Exposure controls / personal protection

Additional advice on system design:	not applicable
Ingredients with occupational exposure limits to be monitored:	not applicable
Respiratory protection:	not applicable
Hand protection:	Butyl rubber, >120 min (EN 374). The details concerned are recommendations. Please contact the glove supplier for further information.
Eye protection:	safety glasses
Skin protection:	not applicable
General protective measures:	Avoid contact with eyes and skin. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of these equipments to chemicals should be ascertained with the respective supplier.
Hygiene measures:	Wash hands before breaks and after work. Use barrier skin cream.
Delimitation and monitoring of the environmental exposition:	not determined

9 Physical and chemical properties

Form:	tablet
Color:	white
Odor:	odourless
pH-value:	6,2 (13 g/l)
pH-value (1 %):	not determined
Boiling point [°C]:	not determined
Flash point [°C]:	not applicable
Flammability [°C]:	not applicable
Lower explosion limit:	not applicable
Upper explosion limit:	not applicable
Oxidizing properties:	no
Vapour pressure [kPa]:	not applicable
Density [g/ml]:	not determined
Bulk density [kg/m³]:	not determined
Solubility in water:	soluble
Partition coefficient [n-octanol/water]:	not determined
Viscosity:	not applicable
Relative vapour density determined in air:	not applicable
Evaporation speed:	not applicable
Melting point [°C]:	not determined
Autoignition temperature [°C]:	not applicable
Decomposition temperature:	not applicable

10 Stability and reactivity

Hazardous reactions:	Reactions with alkalis (lyes). Reactions with oxidizing agents.
Hazardous decomposition products:	No hazardous decomposition products known.

Glycine

Pool-i.d. GmbH & Co. KG

76344 Eggenstein-Leopoldshafen

Date printed: 24.02.2010, Revision: 23.02.2010

Page 3 / 4

11 Toxicological information

Acute oral toxicity:	not determined
Acute dermal toxicity:	not determined
Acute inhalational toxicity:	not determined
Irritant effect on eye:	not determined
Irritant effect on skin:	not determined
Sensitization:	not determined
Subacute toxicity:	not determined
Chronic toxicity:	not determined
Mutagenicity:	not determined
Reproduction toxicity:	not determined
Carcinogenicity:	not determined
Experiences made in practice:	none
General remarks:	Toxicological data are not available. No classification on the basis of the calculation procedure of the preparation directive.

12 Ecological information

Fish toxicity:	not determined
Daphnia toxicity:	not determined
Behaviour in environment compartments:	not determined
Behaviour in sewage plant:	not determined
Bacteria toxicity:	not determined
Biological degradability:	not determined
COD:	not determined
BOD 5:	not determined
AOX-advice:	not applicable
2006/11/EC:	not applicable
General information:	Ecological data are not available. Do not discharge product unmonitored into the environment or into the drainage.

13 Disposal considerations

Product:	Coordinate disposal with the disposal contractor/authorities if necessary.
Contaminated packaging:	Uncontaminated packaging may be taken for recycling. Packaging that cannot be cleaned should be disposed of as for product.
Waste no. (recommended):	060399

14 Transport information

Classification according to ADR:	NO DANGEROUS GOODS
Classification according to IMDG:	NOT CLASSIFIED AS "DANGEROUS GOODS"
Classification according to IATA:	NOT CLASSIFIED AS "DANGEROUS GOODS"

15 Regulatory information

Exposure scenario:	not determined
Chemical safety report:	not determined
LABELLING 1999/45 EG:	The product does not require a hazard warning label in accordance with EC-directives.
Hazard symbols:	none
R-phrases:	none
S-phrases:	none
Special labelling:	Safety data sheet available for professional user on request.
Authorisation, TITEL VII:	not applicable
Restrictions, TITEL VIII:	not applicable
EEC-REGULATIONS:	1967/548 (2008/58, 30. ATP/ 31. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006; 1272/2008; 75/324/EWG (2008/47/EG
TRANSPORTREGULATIONS:	DOT-Classification, ADR (2009); IMDG-Code (34. Amdt.); IATA-DGR (2010).
NATIONAL REGULATIONS:	EH40/2005 Workplace exposure limits with amendments October 2007. CHIP 3/ CHIP 4

Glycine

Pool-i.d. GmbH & Co. KG

76344 Eggenstein-Leopoldshafen

Date printed: 24.02.2010, Revision: 23.02.2010

Page 4 / 4

16 Other informations

R-phrases (Chapter 03):	R 60: May impair fertility. R 61: May cause harm to the unborn child.
Observe employment restrictions for people:	no
VOC (1999/13/CE):	not applicable

Disclaimer: 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.
Copyright: Chemiebüro®