

SAFETY DATA SHEET

according to Regulation (EG) no 1907/2006
 Generic EU MSDS – No country specific data
 REVISION DATE: 2014-06-011

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: Glycine
 Article number: 16-0008

1.2 Relevant identified uses of the substance or mixture, and uses advised against

Identified uses: Laboratory chemical; manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company: Medicago AB
 Danmark Berga 13
 755 98 Uppsala
 Telephone: +46 (0)18 56 11 80
 Facsimile: +46 (0)18 56 11 88
 E-mail address: info@medicago.se

1.4 Emergency telephone number

Emergency telephone number: Giftinformationscentralen 112

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (EU-GHS/CLP)

Classified as not hazardous substance

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (EU-GHS/CLP)

Labelled as not hazardous substance

Signal word: -

Hazard statement(s): -

Precautionary statement(s): -

Complementary hazard information:

No further information

2.3 Other hazards

No data available

3. Composition/information on ingredients

3.1 Substances

Substance	CAS-no.	EC-no.	Index-no.	Weight %	Classification according to constitution (EG) no 1272/2008 (CLP)
Glycine	56-40-6	200-272-2	-	≤ 100 %	Not classified

4. First aid measures

4.1 Description of first aid measures

If swallowed	DO NOT induce vomiting; wash mouth with plenty of water; get medical attention if symptoms occur; if person is vomiting while lying on the back, place him/her in recovery position and get medical attention
If inhaled	Move to fresh air; get medical attention if symptoms occur; if person is not breathing, give artificial respiration and get medical attention
In case of skin contact	Wash with soap and plenty of water; get medical attention if irritation develops/persists
In case of eye contact	Wash eyes with plenty of clean water; remove contact lenses if present and easy-to-do; keep washing eye with clean water for several additional minutes; get medical attention
General advice	Show this data sheet to the doctor in attendance

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: dry chemical powder, water spray, foam

5.2 Special hazards arising from the substance or mixture

Decomposition products: carbon oxides, nitrogen oxides

5.3 Advice for fire fighters

Wear self-contained breathing apparatus for firefighting; use personal protective equipment

5.4 Further information

Standard procedure for chemical fires; in case of fire/explosion do not breathe fumes; collect contaminated extinguishing water separately; fire residues and extinguishing water must be disposed of in accordance with local regulations

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation; avoid breathing dust; wear lab coat, safety goggles, proper gloves and boots

6.2 Environmental precautions

Do not flush product into surface water or sanitary sewer system; if product contaminates rivers, lakes or drains, inform relevant authorities

6.3 Methods and material for containment and cleaning up

Sweep up and shovel into a suitable container; keep container tightly closed for disposal

6.4 Reference to other sections

For disposal: see section 13

7. Handling and storage

7.1 Precautions for safe handling

Avoid dust formation; assure adequate ventilation where dust is formed; avoid contact with skin and eyes; wash hands before and after use

7.2 Conditions for safe storage, including any incompatibilities

Store in a tightly closed container in a dry and well-ventilated area; keep away from ignition

7.3 Specific end use(s)

No data available

8. Exposure controls/personal protection

8.1 Control parameters

No data available

8.2 Exposure controls

Appropriate engineering controls

Use general hygiene procedures; use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits; if user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit

Personal protective equipment

Eye/face protection: wear safety goggles (EN 166)

Skin protection: use proper gloves; gloves must be inspected prior to use

Body Protection: wear lab coat or other impervious clothes

Respiratory protection: use dust respirator if necessary

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	white crystalline powder
Odour	no data available
Odour threshold	no data available
pH	no data available
Melting point/ freezing point	>233° C (decomposition)
Initial boiling point and boiling range	no data available
Flash point	no data available
Evaporation rate	no data available
Flammability (Solid, gas)	no data available
Upper/lower flammability or explosive limits	no data available
Vapour pressure	no data available
Vapour density	no data available
Relative density	1.16 g/cm ³
Water solubility	250 g/l at 25° C
Partition coefficient: n-octanol/ water	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available
Explosive properties	no data available
Oxidizing properties	no data available

9.2 Other information

No further information

10. Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

Risk of dust explosion

10.4 Conditions to avoid

Heat, flames and sparks

10.5 Incompatible materials

Strong acids and bases; strong oxidizing agents

10.6 Hazardous decomposition products

In case of fire: carbon oxides, nitrogen oxides

11. Toxicological information

11.1 Information on toxicological effects

11.1.1 Substances

Acute toxicity

No data available

Skin corrosion/irritation

Skin: rabbit – not irritating

Serious eye damage/ eye irritation

Eyes: rabbit – not irritating

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Specific target organ toxicity – single exposure

No data available

Specific target organ toxicity – repeated exposure

No data available

Aspiration hazard

No data available

Potential health effects

No data available

12. Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

13. Disposal considerations

13.1 Waste treatment methods

Waste must be disposed of in accordance with federal, state, and local environmental control regulations. Do not dispose of together with household waste.

Contaminated packaging: dispose of as unused product

