



Material Safety Data Sheet

ZINC GLYCINATE

1. Product Identification

Synonyms: Zinc Glycinate

Substance/mixture: Substance

CAS No.: 14281-83-5

Molecular Weight: 213.49700

Chemical Formula: $C_4H_8N_2O_4Zn$

Components: Glycine Zinc Salt Monohydrate [for Protein Research]

2. Composition/Information on Ingredients:

Ingredient	CAS No.	Percent	Hazardous
Zinc Glycinate	14281-83-5	>97%	No

3. Company informations

Supplier: Hebei Pushi Yongdao Trade Co., Ltd.

Manufacturer: Shijiazhuang Donghua Jinlong Chemical Co., Ltd.

Factory Add: No. 100 Mid Chemical Road, Recycling Chemical District,
Shijiazhuang, 052160, P.R.China

TEL/FAX: +86(0)311-66619888

Website: www.glycine.com.cn Email: info@pushiyongdao.com

● Company Certificates:

Serial No.	Certificate	Certificate number	Issuing
1	BRC	8978610	SGS
2	FAMI-QS	FAM-1197	SGS
3	ISO22000:2005	F01FSMS1600101	SGS
4	ISO14001:2004	00616E20706R1M	QAC
5	ISO9001:2008	00615Q21215R1M	QAC
6	OHSAS18001:2007	00616S20618R1M	QAC
7	KOSHER		STAR-K
8	HALAL	SHI.10010.10010.170003.CN	MUI/IFANCA

4. Hazards Identification:

GHS classification

Physical Hazards Not classified

Health Hazards Not classified

Environmental Hazards Not classified

GHS label elements, including precautionary statements

Pictograms or hazard symbols None



No signal word

Hazard statements None

Precautionary statements: None

5. First Aid Measures:

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Get medical advice/attention if you feel unwell.

Skin contact: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

If skin irritation or rash occurs: Get medical advice/attention.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Get medical advice/attention if you feel unwell. Rinse mouth.

Protection of first-aiders: A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

6. Fire-Fighting Measures:

Suitable extinguishing: Dry chemical, foam, water spray, carbon dioxide.

Media: Specific hazards arising Take care as it may decompose upon combustion or in high temperatures to form the chemical: generate poisonous fume.

Glycine Zinc Salt Monohydrate [for Protein Research]

7. Accidental Release Measures:

Use personal protective equipment. Keep people away from and upwind of spill/leak.

Personal precautions, protective equipment and Entry to non-involved personnel should be controlled around the leakage area by emergency procedures: roping off, etc.

Environmental precautions: Prevent product from entering drains.

Methods and materials for Sweep dust to collect it into an airtight container, taking care not to disperse it.

Containment and cleaning Adhered or collected material should be promptly disposed of, in accordance with

Up: appropriate laws and regulations.

8. Handling and Storage:

Precautions for safe handling

Handling is performed in a well ventilated place. Wear suitable protective equipment.

Technical measures:

Prevent dispersion of dust. Wash hands and face thoroughly after handling.

Use a local exhaust if dust or aerosol will be generated.

Advice on safe handling: Avoid contact with skin, eyes and clothing.

Conditions for safe storage, including any incompatibilities



Storage conditions: Keep container tightly closed. Store in a cool and dark place.

Store away from incompatible materials such as oxidizing agents.

Packaging material: Comply with laws.

9. Exposure Controls/ Personal Protection:

Install a closed system or local exhaust as possible so that workers should not be

Engineering controls: exposed directly. Also install safety shower and eye bath.

Personal protective equipment

Respiratory protection: Dust respirator. Follow local and national regulations.

Hand protection: Protective gloves.

Eye protection: Safety glasses. A face-shield, if the situation requires.

Skin and body protection: Protective clothing. Protective boots, if the situation requires.

10. Physical and Chemical Properties:

Physical state (20°C): Solid

Form: Crystal- Powder

Colour: White or Almost white

Odour: No data available

pH: No data available

Melting point/freezing point: No data available

Boiling point/range:

Flash point: No data available

Flammability or explosive

limits: No data available

Lower: No data available

Upper: No data available

Relative density: No data available

Solubility(ies): Soluble in water

[Other solvents] No data available

11. Stability and Reactivity:

Chemical stability: Stable under proper conditions.

Possibility of hazardous: No special reactivity has been reported.

Reactions: Incompatible materials: Oxidizing agents

Hazardous decomposition: Carbon monoxide, Carbon dioxide, Nitrogen oxides (NO_x), Zinc oxides

12. Toxicological Information:



Acute Toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye damage/irritation: No data available

Germ cell mutagenicity: No data available

Carcinogenicity: No data available

IARC = No data available

NTP = No data available

Reproductive toxicity: No data available

13. Ecological Information:

Ecotoxicity: No data available

Fish: No data available

Crustacea: No data available

Algae: No data available

Persistence / degradability: No data available

Bioaccumulative: No data available

potential(BCF): No data available

Mobility in soil

Log Pow: No data available

Soil adsorption (Koc): No data available

Henry's Law: No data available

constant(PaM³/mol)

14. Disposal Considerations:

Recycle to process, if possible. Consult your local regional authorities. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system.

Observe all federal, state and local regulations when disposing of the substance.

15. Transport Information:

Hazards Class: Does not correspond to the classification standard of the United Nations

UN-No: Not listed

16. Regulatory Information:

Safe management ordinance of dangerous chemical product (State Council announces on January 26, 2002 and revised on February 16, 2011): Safe use and production, the storage of a dangerous chemical, transport, loading and unloading were prescribed.



17. Additional Information: N/A

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