

## Safety Data Sheet

Date of revision : August 1, 2025

### 1. Product and company identification

Product name	Glycyl- $\beta$ -alanine
Recommended use	For test research
Name of manufacturer	Yoneyama Yakuhin Kogyo Co., Ltd.
Address	2-3-11 Doshomachi , Chuo-ku, Osaka, 541-0045, Japan
Contact for Information	Sales Division
Telephone number	06-6231-3555
Fax number	06-6223-1093
SDS No.	29020

### 2. Hazards identification

GHS Classification	Not classified according to the classification criteria.
Label Elements	
Symbol	—
Signal word	—
Hazard statements	—

### 3. Composition/information on ingredients

Substance/Mixture	Substance
Chemical name or commercial name	Glycyl- $\beta$ -alanine
Chemical formula	$C_5H_{10}N_2O_3$
Numerical identifier	CAS RN: 7536-21-2
Ingredients and composition	100%
Others	No information available.

### 4. First and measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
Skin contact	Remove contaminated clothing. Rinse skin with plenty of water or shower. Get medical advice/attention if skin irritation occurs or persists.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
Ingestion	Rinse mouth. Give plenty of water to drink. Get medical advice/attention if you feel unwell.

### 5. Fire fighting measures

Suitable extinguishing media	Water spray, foam, dry chemical, carbon dioxide ( $CO_2$ ).
Unsuitable extinguishing media	No information available.
Specific hazards arising from chemical	No information available.
Particular fire fighting	No information available.
Special protective actions for fire-fighters	Fight fire from upwind and avoid inhalation of hazardous gases. Wear respiratory protection if necessary.

### 6. Accidental release measure

Personal precautions, protective equipment and emergency procedures	Wear appropriate protective equipment during handling. Work from upwind and evacuate personnel from downwind area.
Environmental precautions	Wear protective gloves, safety goggles, and protective clothing. Avoid discharge into rivers or the environment to prevent environmental impact.
Methods and materials for containment and cleaning up	Sweep up as much as possible without raising dust, collect into an empty container, and rinse the remainder away with plenty of water.

### 7. Handling and storage

Handling	
Technical measures	Install local exhaust ventilation at the handling area. Keep containers tightly closed after use.
Precautions for safe handling	Avoid rough handling of containers, including tipping over, dropping, applying impact, or dragging.
Incompatible materials	Prevent leakage, overflow, and scattering, and avoid generating dust unnecessarily.
Hygiene measures	Wash hands thoroughly after handling.
Storage	
Conditions for safe storage	Keep container tightly closed. Store in a cool, dry place away from direct sunlight, high temperatures, and humidity.
Safe packaging materials	Glass, polyethylene, polypropylene.

8. Exposure controls/personal protection	
Exposure limits	
ACGIH	—
Equipment measures	Handle in a closed system or use local exhaust ventilation whenever possible. Provide hand-washing facilities near the work area.
Protective equipment	
Respiratory protection	Wear a dust mask or a particulate respirator.
Hand protection	Wear rubber gloves.
Eye protection	Wear safety goggles.
Skin protection	Wear protective work clothing.
9. Physical and chemical properties	
Physical state	Crystalline powder
Color	White
Odor	No information available.
Melting point/Freezing point	No information available.
Boiling point	No information available.
Combustibility	No information available.
Upper/lower explosive limits	No information available.
Flash point	No information available.
Auto-ignition temperature	No information available.
Decomposition temperature	No information available.
pH	No information available.
Viscosity	No information available.
Solubility	Slightly soluble in water.
n-Octanol/water partition coefficient	No information available.
Vapor pressure	No information available.
Specific gravity	No information available.
Vapor density	No information available.
Particle characteristics	No information available.
10. Stability and reactivity	
Stability	Stable under normal conditions of use.
Possibility of hazardous reaction	No information available.
Conditions to avoid	Sunlight, high temperatures, and high humidity
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Nitrogen oxides, carbon monoxide.
11. Toxicological information	
Acute toxicity	No information available (not classifiable).
Skin corrosion/irritation	No information available (not classifiable).
Eye damage/irritation	No information available (not classifiable).
Respiratory sensitization	No information available (not classifiable).
Skin sensitization	No information available (not classifiable).
Germ cell mutagenicity	No information available (not classifiable).
Carcinogenicity	No information available (not classifiable).
Reproductive toxicity	No information available (not classifiable).
Specific target organ toxicity(Single exposure)	No information available (not classifiable).
Specific target organ toxicity(Repeated exposure)	No information available (not classifiable).
Aspiration hazard	No information available (not classifiable).
12. Ecological information	
Hazardous to the aquatic environment	Short-term: No information available (not classifiable).
	Long-term: No information available (not classifiable).
Persistence and degradability	No information available (not classifiable).
Bioaccumulative potential	No information available (not classifiable).
Mobility in soil	No information available (not classifiable).
Hazardous to the ozone layer	This substance is not listed in the annexes of the Montreal Protocol.
13. Disposal considerations	
Residual disposal	Dispose of through a licensed industrial waste disposal contractor.
14. Transport information	
UN Number	—
UN proper shipping name	—
Transport hazard class	—
Packing group	—
Additional identification	Ensure that containers are leak-free before transport. Load carefully to prevent tipping, dropping, or damage, and secure the load to prevent shifting during transit.

15. Regulatory information

Please apply to the regulatory control in each country.

16. Other information

References

Ministry of Health, Labor and Welfare website  
Global Harmonized System of Classification and Labelling of  
Chemicals(GHS) Sixth revised edition  
National Institute of Technology and Evaluation(NITE)  
Hazardous Substances Data Bank(HSDS)

Attentions

The Safety Data Sheet (SDS) is prepared based on JIS Z7253.  
All information contained herein is given in good faith and  
no warranty expressed or implied is made to its accuracy.

The recommended industrial hygiene and safe handling  
procedures are believed to be generally applicable.  
However, each user should review these recommendations and  
determine whether they are appropriate.