



SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Revised: 09/18/25
Supersedes: 00/00/00

GLYBase™
High Purity Sodium Glycolate

“GLYBase” is a trademark of CrossChem Limited

Synonyms: Glycolic Acid, Sodium Salt
Sodium Hydroxyacetate

Product Code(s): 4100

Identified Uses: Laboratory chemicals, Manufacture of substances, Personal care

COMPANY IDENTIFICATION

CROSSCHEM LIMITED
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EMERGENCY TELEPHONE NUMBERS

CHEMTREC: 800-424-9300
CHEMTREC CUSTOMER NUMBER: CCN5881

2. HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

This item is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS Label Elements, Including Precautionary Statements

None required.

Hazards Not Otherwise Classified (HNOC) or Not Covered by GHS

None required.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>IUPAC</u>	<u>EC NO</u>	<u>CAS NO</u>	<u>CLASSIFICATION</u>	<u>WEIGHT (%)</u>	<u>MOL WEIGHT</u>	<u>FORMULA</u>
Sodium Glycolate	220-624-9	2836-32-0	None required	≤100	98.03	C ₂ H ₃ NaO ₃

Appearance

White Powder

4. FIRST AID MEASURES

General Advice

Consult a physician. Show this safety data sheet to the attending physician. Move out of dangerous area.

Eye Contact

Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

Skin Contact

Immediately flush with water. Remove contaminated clothing and shoes. Get medical attention if irritation persists. Professionally wash clothing and shoes before re-use.

Inhalation (Breathing)

Remove to fresh air. If symptoms develop, seek immediate medical attention. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Ingestion (Swallowing)

Seek medical attention. Wash out mouth with water, provided person is conscious. Do not induce vomiting.

Most Important Symptoms and Effects, Both Acute and Delayed

The most important known symptoms and effects are described in Section 3 – GHS Label Elements and/or Section 11 – Toxicity Information.

Indication of Any Immediate Medical Attention and Special Treatment Needed

No data available.

5. FIRE FIGHTING METHODS

Flash Point	N/A (does not flash)
Explosive Limits	N/A
Autoignition	N/A

Hazardous Combustion and Decomposition Products

Smoke, soot, and toxic/irritating fumes (i.e., carbon dioxide, carbon monoxide, etc.).

Fire and Explosion Hazards

During a fire, irritating and highly toxic gases may be generated during combustion or decomposition.

Extinguishing Media

SMALL FIRES: Water, dry chemical or carbon dioxide, alcohol-resistant foam.

LARGE FIRES: Water spray, fog, or foam.

Fire Fighting Procedures/Equipment

Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Evacuation

Isolate area. Keep unnecessary and unprotected personnel from entering.

Containment

Safely stop discharge. Contain material, as necessary, with a dike or barrier. Stop material from contaminating soil, or from entering sewers or bodies of water.

Clean-Up/Personal Protection Equipment

Appropriate safety measures and protective equipment should be used.

Collection and Disposal

Stop discharge, if safe to do so. Use proper protective equipment. Absorb, place in a bag or drum and hold for proper disposal. Ventilate area and wash spill site after material pickup is complete. Dispose of according to applicable local, state and federal regulations.

7. HANDLING AND STORAGE

Handling

Avoid handling and inhalation of dust, mist and vapors. Minimize dust generation and accumulation. Keep container tightly closed. Use only in a chemical fume hood. Wash thoroughly after handling.

Storage Conditions

Store product in dry, well ventilated area away from heat, ignition sources, and direct sunlight. Keep containers tightly closed. Storage class (TRGS 510): Non-Combustible solids.

Transfer

Follow good manufacturing and handling practices. Since material is very hygroscopic, eliminate all sources of humidity during handling or transfer. Do not breathe dust. Do not get in eyes, on skin or on clothing. Avoid prolonged or repeated exposure.

Personal Hygiene

Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, faceshield, and gloves. Professionally launder contaminated clothing before re-use.

Specific End Use

None specified or stipulated apart from the uses mentioned in Section 1.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters – Components with Workplace Control Parameters

Contains to substances with occupational exposure limit values.

Engineering Controls/Ventilation

Local exhaust ventilation is recommended when dusts can be released.

Body Protection

Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substances at the specific workplace.

Eye Protection

Wear safety glasses with side-shield confirming to EN 166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU). An eye wash facility should be readily available.

Skin Protection

Wear protective clothing and appropriate impervious gloves. Because a variety of protective gloves exist, consult glove manufacturer to determine the proper type for a specific operation. Inspect gloves prior to use. Dispose of gloves following use. Wash and dry hands. An emergency shower should be readily available.

Respiratory Protection

Avoid breathing vapor or dusts. For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher-level protection use type OV/AG/P99 (USS) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate governments standards such as NIOSH (US) or CEN (EU).

Control of Environmental Protection

Do not let product enter drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White or almost white powder
Odor	N/A
Physical State	Solid crystals
Solubility	Soluble
pH	N/A

Boiling Point	N/A
Melting Range	210 – 218 °C
Vapor Pressure	N/A

NOTE: The physical data presented above are typical values and should not be construed as a specification.

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions at room temperature in closed container.

Hazardous Polymerization

Has not been reported.

Hazardous Decomposition

May decompose emitting toxic fumes when heated. Hazardous decomposition products include carbon monoxide, carbon dioxide, acid smoke and fumes.

Conditions to Avoid

Dust generation, incompatible materials and humid conditions.

Incompatibility with Other Materials

Strong oxidizing agents, bases.
Sensitization: Will not occur

11. TOXICITY INFORMATION

SIGNS AND SYMPTOMS OF EXPOSURE

Material may cause possible eye, skin, gastrointestinal and/or respiratory tract irritation.

Acute Toxicity

No Data Available

Inhalation

No Data Available

Dermal

No Data Available

Toxicity Data

Oral LD50	Rat	7110 mg/kg
Oral LD 50	Mouse	6700 mg/m3

Carcinogenicity

IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH	No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Prop 65	Not listed.

Skin Corrosion/Irritation

No Data Available

Serious Eye Damage/Eye Irritation

No Data Available

Germ Cell Mutagenicity

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

Additional Information

RTECS: Not Available

12. ECOLOGICAL INFORMATION

Distribution

No Data Available

Persistence and Degradability

No Data Available

Bioaccumulative Potential

No Data Available

Mobility in Soil

No Data Available

Results of PBT and vPvB Assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

13. DISPOSAL CONSIDERATIONS

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

Dispose of as unused product.

Special Instructions

Be sure to contact the appropriate government environmental agencies if further guidance is required.

14. TRANSPORT INFORMATION

DOT, IATA, IMDG, RID, ADR and IMO

Not classified as hazardous for transport

15. REGULATORY INFORMATION

United States Regulatory Information

SARA 302 Component:	No chemical in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Component:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
TSCA Inventory Item:	Listed
TSCA Significant New Rule:	Not Listed
CERCLA Hazardous Material:	Not Listed
Section 12b:	Not Listed
CA Prop 65:	Not Listed

Canada Regulatory Information

WHMIS Classification: N/A

DSL:

Listed

16. OTHER INFORMATION

Hazard Rating		
	HMIS	NFPA
Health	0	0
Fire	0	0
Reactivity	0	0

The information contained herein relates only to the specific material identified. CrossChem Limited believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information. CrossChem Limited urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.