

# SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Revised: 01/10/17  
Supersedes: 03/09/15

GlyAcid® SG  
High Purity Sodium Glycolate

“GlyAcid” is a registered trademark of CrossChem LP

Synonyms: Glycolic Acid, Sodium Salt  
Sodium Hydroxyacetate

Product Code(s): 4100

Identified Uses: Laboratory chemicals, Manufacture of substances – personal care

### COMPANY IDENTIFICATION

CROSSCHEM LP  
5816 DRYDEN PLACE STE 200  
CARLSBAD CA 92008  
UNITED STATES  
+1 (619)-578-0021 X112

### EMERGENCY TELEPHONE NUMBERS

CHEMTREC 800-424-9300  
CHEMTREC CUSTOMER NO: CCN5881

## 2. HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### GHS Classification

H315 Skin irritation (Category 2)  
H319 Eye irritation (Category 2A)  
H335 Repertory system, specific target organ toxicity – single exposure

### GHS Label Elements, Including Precautionary Statements

Pictogram



GHS07

Single Word Warning

Hazard Statements

H315 Causes skin irritation  
H319 Causes serious eye irritation  
H335 May cause respiratory irritation

#### Precautionary Statements

P261 Avoid breathing dust, fumes, gas, mist, vapor, spray  
P264 Wash skin thoroughly after handling  
P271 Use only outdoors or in a well-ventilated area  
P280 Wear eye and face protection

P280	Wear protective gloves
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P304 + P340 + P312	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P332 + P313	If skin irritation occurs: Get medical advise
P337 + P313	If eye irritation persists: Get medical advise
P362	Take off contaminated clothing and wash before reuse
P403 + P233	Store in a well-ventilated place, keep container tightly closed
P405	Store locked up
P501	Dispose of contents and container to an approved waste disposal plant

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

None

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**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	SKIN IRRIT. 2; 2A; STOT SE 3; H315, H319, H335	≤100	98.03	C <sub>2</sub> H <sub>3</sub> NaO <sub>3</sub>

For the full text of the H-Statements mentioned, see Section 16.

Appearance

White Crystals

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**4. FIRST AID MEASURES**

General Advise

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.

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**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.

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**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.

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**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.

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### **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 conforming 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.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance .....	White or almost white crystals
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.

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## **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

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## **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

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**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.

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**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.

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**14. TRANSPORT INFORMATION**

DOT, IATA, IMDG, RID, ADR and IMO

Not classified as hazardous for transport

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**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**

Full Text of H-Statements Referred to Under Sections 2 and 3

Eye Irrit.	Eye Irritation
Skin Irrit.	Skin Irritation
STOT SE	Specific Target Organ Toxicity – Single Exposure
H315	Causes Skin Irritation
H319	Causes Serious Eye Irritation
H335	May Cause Respiratory Irritation

<b>Hazard Rating</b>		
	<b>HMIS</b>	<b>NFPA</b>
Health	0	0
Fire	0	0
Reactivity	0	0

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