

**Section 1: Identification**

**Product Name** Glycolic Acid Granular  
**Commercial Name** Not available.  
**Product Use** Not available.  
**Restrictions On Use** Not available.

**Product Code** 50-1733

**Company** PCCA  
9901 South Wilcrest  
Houston, TX 77099  
Phone: 1-800-331-2498  
Fax: 1-800-874-5760

In case of emergency contact:  
**CHEMTREC (24hr) 1-800-424-9300**

**Section 2: Hazard(s) Identification**

**OSHA Haz Com:** Acute Inhalation Toxicity - Dusts and Mists Category 4 Skin Corrosion/Irritation Category 1 B Serious Eye  
**CFR 1910.1200** Damage/Eye Irritation Category 1 Specific target organ toxicity (single exposure) Category 3 Target Organs -  
Respiratory system.

**Signal Word** DANGER

**Hazard Statement(s)** Causes severe skin burns and eye damage. Causes serious eye damage. Harmful if inhaled

**Pictogram(s) or Symbol(s)**



**Precautionary Statement(s):**

**Prevention** Use only outdoors or in a well-ventilated area Do not breathe dust/fume/gas/mist/vapors/spray Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection

**Response** Immediately call a POISON CENTER or doctor/physician IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower Wash contaminated clothing before reuse IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

**Storage** Store locked up Store in a well-ventilated place. Keep container tightly closed

**Disposal** Dispose of contents/container to an approved waste disposal plant

**Section 3: Composition/Information on Ingredients**

**Substance/Mixture** Substance  
**Components** Glycolic Acid  
**% By Weight** >95  
**CAS#** 79-14-1  
**Molecular Weight** 76.05 g/mole  
**Chemical Formula** C2H4O3  
**Synonym(s)** Hydroxyacetic acid

**Mixtures**

<b>Name</b>	<b>CAS#</b>	<b>% by Weight</b>	<b>TLV/PEL</b>	<b>LC50/LD50</b>
Glycolic Acid	79-14-1	100		ORAL (LD50): Acute: 1950 mg/kg [Rat].

**Section 4: First-Aid Measures**

<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. Call a physician or poison control center immediately. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Call a physician immediately.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required. Keep eye wide open while rinsing.
<b>Ingestion</b>	Immediate medical attention is required. Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person.
<b>Symptoms/Effects</b>	
<b>Acute</b>	Causes burns by all exposure routes. Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated: Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation
<b>Delayed</b>	Causes burns by all exposure routes. Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated: Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation

**Immediate Medical Attention**

Treat symptomatically

**Section 5: Fire-Fighting Measures****Suitable Extinguishing Media**

CO 2, dry chemical, dry sand, alcohol-resistant foam

**Unsuitable Extinguishing Media**

Not available.

**Products of Combustion**Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). The product causes burns of eyes, skin and mucous membranes**Firefighters Special Equipment and Precautions**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors.

**Section 6: Accidental Release Measures**

Use personal protective equipment as required. Evacuate personnel to safe areas. Avoid contact with skin, eyes or clothing. Environmental Precautions: Should not be released into the environment. Do not allow material to contaminate ground water system. Methods for Containment and Clean Up: Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

**Section 7: Handling and Storage**

Handling: Wear personal protective equipment/face protection. Do not get in eyes, on skin, or on clothing. Use only under a chemical fume hood. Do not breathe dust. Do not ingest. If swallowed then seek immediate medical assistance. Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Corrosives area. Do not store in metal containers. Incompatible Materials. Bases. Sulfides. Cyanides. Reducing Agent. Metals.

**Section 8: Exposure Controls/Personal Protection**

<b>Exposure Limits</b>	Not available.
<b>Engineering Controls</b>	Use only under a chemical fume hood. Ensure that eyewash stations and safety showers are close to the workstation location

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**Personal Protection**

Eye/face Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Skin and body protection: Wear appropriate protective gloves and clothing to prevent skin exposure. Respiratory Protection: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	Solid. Color: Off-white.		
<b>Odor</b>	Odorless		
<b>Odor Threshold</b>	Not available.		
<b>Melting Point</b>	72 - 80 °C / 161.6 - 176	<b>pH</b>	2.5 0.5% aq.sol
<b>Freezing Point</b>	Not available	<b>Vapor Pressure</b>	8.1 mmHg @ 80 °C
<b>Boiling Point/Range</b>	72 - 80 °C / 161.6 - 176	<b>Vapor Density</b>	Not available.
<b>Decomposition temperature</b>	> 100°C	<b>Viscosity</b>	Not available.
<b>Partition Coefficient: n-octanol/water</b>	Not available.	<b>Evaporation Rate</b>	Not available.
<b>Flash Point</b>	> 300 °C / > 572 °F	<b>Autoignition temperature</b>	Not available.
<b>Flammability</b>	Not available.	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	Not available.
		<b>Upper</b>	Not available.
<b>Solubility(ies)</b>	Soluble in water		
<b>Other</b>	Molecular Formula C2 H4 O3 Molecular Weight 76.04		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Not available.
<b>Chemical Stability</b>	Stable under normal conditions
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur
<b>Conditions to Avoid</b>	Incompatible products. Excess heat
<b>Incompatible Materials</b>	Bases, Sulfides, Cyanides, Reducing Agent, Metals
<b>Hazardous Decomposition Products</b>	Carbon monoxide (CO), Carbon dioxide (CO2)

**Section 11: Toxicological Information**

<b>RTECS</b>	MC5250000
<b>Acute Toxicity</b>	LD50 Oral: 1950 mg/kg ( Rat ) 2040 mg/kg ( Rat ) LD50 Dermal: Not listed. LC50 Inhalation: 7.7 mg/L ( Rat ) 4h 3.6 mg/L ( Rat ) 4h
<b>Skin Corrosion/Irritation</b>	Causes burns by all exposure routes
<b>Serious Eye Damage/Irritation</b>	Not available.
<b>Respiratory or Skin Sensitization</b>	Not available.
<b>Germ Cell Mutagenicity</b>	Not available.
<b>Carcinogenicity</b>	Not available.
<b>Reproductive Toxicity</b>	Not available.
<b>Routes of Entry</b>	Causes burns by all exposure routes
<b>Symptoms Related to Exposure</b>	

Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated: Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation

**Potential Health Effects**

Not available.

**Target Organ(s)** Not available.

**Section 12: Ecological Information****Ecotoxicity**

Freshwater Algae: Not listed. Freshwater Fish: LC50: > 5000 mg/L, 96h static (Brachydanio rerio) Microtox: Not listed Water Flea: Not listed

**Persistence and Degradability**

Persistence is unlikely

**Bioaccumulative Potential**

Not available.

**Mobility in Soil**

Will likely be mobile in the environment due to its water solubility.

**Other Adverse Effects**

Not available.

**Section 13: Disposal Considerations****Waste Disposal**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification

**Disposal of Container**

Not available.

**Other Considerations**

Not available.

**Section 14: Transport Information****DOT Classification**

UN-No UN3261 Proper Shipping Name Corrosive solid, acidic, organic, n.o.s. Technical Name Hydroxyacetic acid Hazard Class 8 Packing Group II

**Section 15: Regulatory Information****Regulations**

TSCA Inventory notification - Active-Inactive - Active

**Other**

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

**Section 16: Other Information**

Not available.