Safety Data Sheet

1. Product Identifier and Company Identification

Product name : **Desert Brand Etch-Off**
HBCC SDS number : CD06100
Synonym : Glycolic Acid
Product use and Restrictions : Refer to label or call

Manufacturer Contact Address :

Corporate Headquarters
Hill Brothers Chemical Company
3000 E Birch St, Suite 108
Brea, California 92821
714-998-8800
800-821-7234

Corporate Safety & Compliance
Hill Brothers Chemical Company
21639 N 12th Ave, Suite 100
Phoenix, Arizona 85027
623-535-9955 - Office
623-535-9944 - Fax

Emergency telephone Number (Chemtrec) : 800-424-9300
Website : https://www.hillbrothers.com

2. Hazard Identification

Classification :
Acute Toxicity; Oral: Category 5
Acute Toxicity; Inhalation: Category 3
Skin Corrosion/Irritation: Category 1
Serious Eye Damage/Eye Irritation: Category 1

Signal Word : Danger

Pictogram(s) :

Hazard Statements :
H303: May be harmful if swallowed.
H331: Toxic if inhaled.
H314: Causes severe skin burns and eye damage.

Precautionary Statements

Response :
P301+P330+P331+P310: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.
P312: Call a POISON CENTER or doctor if you feel unwell.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P310: Immediately call a POISON CENTER or doctor.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower).
P363: Wash contaminated clothing before reuse.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Prevention : P260: Do not breathe dusts or mists.
P264: Wash hands thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves, protective clothing, and eye and face protection.

Storage : P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P405: Store locked up.

Disposal : P501 Dispose of contents and container in accordance with specified local, regional, national, and international regulations.

3. Composition/Information on Ingredients

CAS Number	Ingredient Name	Weight %
79-14-1	Glycolic Acid	<20%
7732-18-5	Water	<80%
Proprietary	Solution Mixture	<2%

4. First Aid Measures

Ingestion : Do not induce vomiting. Give large quantities of water. Consult physician immediately.

Inhalation : Move to fresh air. If not breathing give artificial respiration Call a physician.

Skin : Flush skin with plenty of water. Wash affected areas with soap and water. Consult physician if irritation persists.

Eyes : Flush immediately with large amount of water for 15 minutes. Take to physician for medical treatment.

Medical Conditions : Asthma, Bronchitis.

Effects of Overexposure : N/A

Summary of Acute Health Hazards : N/A

Ingestion : May cause irritation to the esophagus, stomach, intestinal tract, nausea, and prostration. Kidney damage or fatality may occur from gross ingestion

Inhalation : May cause irritation of mucous membranes with upper respiratory and bronchial irritation.

Skin : May cause severe irritation to the skin or rash. Higher or prolonged exposure may cause skin burns or ulceration.

Eyes : May cause corrosion to the eyes. Permanent eye damage can occur if not treated.

Note to Physicians : Do not induce vomiting.

Summary of Chronic Health : N/A

5. Fire Fighting Measures

Extinguishing : Carbon Dioxide, Dry Chemical, Foam or Water fog.

Special Exposure Hazards : Contact with active metals may produce flammable hydrogen. Will not burn.

Special Protective Equipment for Firefighters : N/A

Fire Fighting Procedures : N/A

NFPA Rating : Health - 3
Flammability - 0
Instability - 0

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

Uniform Fire Code Rating : N/A

6. Accidental Release Measures

Personal Precautions : N/A

Emergency Procedures : N/A

Methods of Containment And Clean-Up : Since this product is acidic, neutralize unintended spills with lime or soda ash. Flush spills with plenty of water. This product is biodegradable.

7. Handling and Storage

Safe Handling : Avoid breathing mist. Do not get in eyes, skin, or clothing. Wash thoroughly after handling.

Storage : Keep containers closed when not in use. Store above 10ºC, 50ºF

Work/Hygienic Practices : Wash hands thoroughly with soap and water before eating, drinking smoking or using toilet facilities. Do NOT place food, coffee or other drinks in the area where dusting or splashing of solutions is possible.

Ventilation : Standard exhaust ventilation to keep mist levels below 10 mg/m3 in 8 hrs.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits :

Chemical Name: Desert Brand Etch-Off				
Exposure Limits (TWAs) in Air				
CAS Number	**Chemical Name**	**ACGIH TLV**	**OSHA PEL**	**STEL**
79-14-1	Glycolic Acid	N/A	N/A	N/A

Protective Equipment : Wear protective gloves, splash goggles, and rubber gloves recommended.

Eye Protection : Safety goggles.

Respiratory Protection : Wear (MSHA/NIOSH) approved type respirator.

9. Physical and Chemical Properties

Appearance: Clear to light amber liquid	**Odor:** Mild sweet odor
Odor Threshold:	**pH:** 0.1-1.0 @ 77° F
Freezing Point: <10° C,50° F	**Initial Boiling Point/Range:** <112° C (234° F)
Flash Point: Non-Flammable	**Evaporation Rate (BuAc=1):**
Flammability: N/A	**Lower/Upper Explosive Limit:** N/A
Vapor Pressure (mmHg): N/A	**Vapor Density (Air=1):** N/A
Relative Density: 8.72 lbs./gal	**Solubility in Water:** Miscible
Partition Coefficient: N/A	**Autoignition Temperature:** N/A
Decomposition Temperature: N/A	**Viscosity:** 5 cps
% Volatiles: 82-83	**Specific Gravity (Water=1):** 1.038 - 1.05
Molecular Weight: N/A	**VOC:** 0 g/L

10. Stability and Reactivity

Reactivity : N/A

Chemical Stability : Stable

Possibility of Hazardous Reactions or Polymerizations : Hazardous Polymerization will not occur

Conditions to Avoid : Excessive Heat; Temperatures below 50°F

Incompatible Materials : Strong Oxidizers: Bleach, Ammonia

Hazardous Decomposition Products : Decomposition will not occur

11. Toxicological Information

Acute and Chronic Effects : N/A

Routes of Exposure

Ingestion : Yes
Inhalation : Yes
Skin : Yes
Eyes : Yes

Symptoms related to Physical, Chemical & Toxicological Characteristics : N/A

Numerical Measures of Toxicity : Glycolic Acid:
Inhalation 4 hours LC50: 3.6 g/L in male rats
Inhalation 4 hours LC50: >5.2 mg/L in female rats
Oral LD50: 1938 mg/kg in rats

Chronic Toxicity : N/A

Carcinogenicity :

Product Name: Glycolic Acid					
ACGIH	**IARC**	**EPA**	**NIOSH**	**NTP**	**OSHA**
No	No	No	No	No	No

TARGET ORGANS : N/A

12. Ecological Information

Ecotoxicity : Glycolic Acid:
24-48 hour LC50, Bluegill sunfish: 93 mg/L
96 hour LC50, Pathead minnow: 164 mg/L
48 hour EC50, Daphnia magna: 141 mg/L

Persistence and Degradability : N/A

Bioaccumulative Potential :

Product/Ingredient	Log $_{Pow}$	BCF	Potential
-	-	-	-

Mobility in Soil : N/A

13. Disposal Considerations

Disposal of Container : Dispose of in accordance with Federal, State, and local regulations. Biodegradable after seven days.

14. Transport Information

UN# : UN3265
Proper Shipping Name : CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (GLYCOLIC ACID)
Hazard Class/Division : 8
Packing Group : III
Marine Pollutant : No
Special Provisions : IB3, T7, TP1, TP28
Emergency Response Guidebook : 2012 ERG, Guide 153, pages 244-245
Placard Advisory :

15. Regulatory Information

SARA 302 Extremely Hazardous Substances (EHS) : No chemical in this product is listed as an Extremely Hazardous Substance (EHS) under Section 302 of EPCRA.

SARA 304 Extremely Hazardous Substances (EHS) Release Notification : No chemical in this product is listed as an Extremely Hazardous Substance (EHS) which, if released to the environment in quantities at or above the substance's Reportable Quantity (RQ), would require reporting to the SERC and LEPC under Section 304 of EPCRA.

SARA 311/312 Hazards :

SARA 311/312 Hazards				
Acute	**Chronic**	**Flammability**	**Pressure**	**Reactivity**
Yes	No	No	No	No

SARA 313 Reportable Chemicals : No chemical in this product is subject to annual emissions, transfers, or waste management reporting under the Community-Right-to-Know provisions of EPCRA Section 313, also known as the Toxic Release Inventory (TRI) Report or Form R.

CERCLA Hazardous Substances : No chemical in this product is listed as a CERCLA hazardous substance subject to the National Response Center (NRC) release reporting requirements.

Clean Air Act (CAA) Section 112(r) Air Pollutants : No chemical in this product is listed as an air pollutant under the U.S. Clean Air Act, Section 112(r) (40 CFR 61).

California Prop 65 Chemicals : This product does not contain any chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

Hazard Label Warning : This product requires the following hazard label warning: Corrosive (Class 8).

TSCA (Toxic Substances Control Act) : All chemical substances in this product are listed on the U.S. TSCA Inventory List.

ACRONYMS:

CAS # – Chemical Abstract Services Registry Number
CFR – Code of Federal Regulations
CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act
EPCRA – Emergency Planning and Community Right-to-Know Act
LEPC – Local Emergency Planning Committee
SERC – State Emergency Response Commission

16. Other Information

Revision date : 02/06/2026
Supersedes : 05/13/2015
First Issue : 10/19/2010

Chemical Family/Type : Corrosive Liquids

Section(s) changed since last revision : 1

IMPORTANT! Read this SDS before use or disposal of this product. Pass along the information to employees and any other persons who could be exposed to the product to be sure that they are aware of the information before use or other exposure. This SDS has been prepared in accordance with the Globally Harmonized System of Chemical and Labeling of Chemicals (GHS) Fifth Edition and the OSHA Hazard

Communication Standard [29 CFR 1910.1200]. The SDS information is based on sources believed to be reliable. Available data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control; **Hill Brothers Chemical Company** makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Additional information may be necessary or helpful for specific conditions and circumstances of use. It is the user's responsibility to determine the suitability of this product and to evaluate risks and exercise appropriate precautions for protection of employees and others prior to use.