

Safety Data Sheet
According to Hazard Communication Standard (29 CFR 1910.1200)

Glycolic acid 70%

Version 1.0

Issue date: 07/30/2019

Revision date: 07/30/2019

Buy Glycolic Acid Online At
<https://www.laballey.com/collections/glycolic-acid>

SDS record number: CSSS-TCO-010-132070

1. Product and Company Identification

Material name	Glycolic acid 70%	
CAS #	79-14-1	
Product code	-	
Product use	Industrial Cleaning, metal surface cleaning, Perfumes and fragrances, cosmetics and personal care products, etc	
Manufacturer/Supplier		
Supplier(Manufacturer):	Lab Alley LLC	
Address:	22111 Highway 71 West, Suite 601 Spicewood, Texas 78669	
Contact person(E-mail):	customerservice@laballey.com	
Telephone:	512-668-9918	
Emergency telephone Number:	InfoTrac: 800-535-5053	

Distributed by:
 TRINTERNATIONAL, INC.
 22817 102nd Place West
 Edmonds, WA 98020, USA
 Ph: +1-206-505-3500

2. Hazards identification

GHS classification	
Physical hazards	Not classified
Health hazards	H314: Causes severe skin burns and eye damage H318: Causes serious eye damage
Environmental hazards	H402: Harmful to aquatic life

24-Hour Emergency - INFOTRAC
 1-800-535-5053/001-352-323-3500
 Acct # 79932

GHS label elements



Hazard Pictograms
Signal word
Hazard statement

Danger
 H314: Causes severe skin burns and eye damage;
 H318: Causes serious eye damage;H402: Harmful to aquatic life.

Precautionary statement

Prevention	Do not breathe dust or mists. Wash hands thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.
Response	If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center /doctor. Wash contaminated clothing before reuse.

Storage	Store locked up.
Disposal	Dispose of contents/container in accordance with local regulation.
Other hazards	Not available.

3. Composition / Information on Ingredients

Components	CAS#	Percent
Glycolic acid	79-14-1	≥70%
Water	7732-18-5	≤30%

4. First Aid Measures

First aid procedures

Eye contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention immediately.
Skin contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean shoes before reuse.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Ingestion	If swallowed, DO NOT induce vomiting. If vomiting occurs have person lean forward. Call a physician or poison control center immediately. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person.
Notes to physician	Treat symptoms.

5. Fire Fighting Measure

Flammable properties	Non flammable
Extinguishing media	
Suitable extinguishing media	Water spray, alcohol-resistant foam, carbon dioxide (CO ₂)
Unsuitable extinguishing media	Not available.
Firefighting equipment/instructions	Keep containers cool with water spray. Wear professional coverall protection clothing and breathing equipment.
Hazardous combustion products	Carbon oxides.

6. Accidental Release Measures

Personal precautions	Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations.
Environmental precautions	Should not be released into the environment. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods for cleaning up	For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.

7. Handling and Storage

Handling	Do not get on skin or clothing. Do not breathe vapours or spray mist. Do not swallow. Do not get in eyes. Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize release to the
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environment.

Storage

Keep in properly labelled containers. Store locked up. Keep tightly closed. Keep in a cool, well-ventilated place. Store in accordance with the particular national regulations.

8. Exposure Controls / Personal Protection

Occupational exposure limits

This substance has no PEL, TLV, or other recommended exposure limit.

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Individual protection measures, such as personal protective equipment:

Eye / face protection

Chemical resistant goggles must be worn. If splashes are likely to occur, wear: Face-shield.

Skin protection

Material : Chloroprene

Break through time : > 480 min

Glove thickness : 0,6 mm

Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).

Respiratory protection

Use respiratory protection unless adequate local exhaust ven-tilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

General hygiene considerations

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

9. Physical & Chemical Properties

Appearance

Physical state

Liquid

Form

Liquid

Color

Clear to light yellow

Odor

Product specific

Odor threshold

Not available

pH

0.2-0.7

Vapor pressure

0.017 hPa (25 °C)

Vapor density

Not available

Boiling point

112°C

Melting point/Freezing point

10°C **Solubility**

(water)

>300g/l (22°C)

Density

1.25g/cm³ (26°C)

Flash point

>100°C

Partition coefficient

Log Pow: -1.11 (19°C)

Flammability limits in air, upper, %by volume

Not available

Flammability limits in air, lower, % by volume

Not available

Auto-ignition temperature

Not available

VOC

Not available

Percent volatile

Not available

Molecular Formula

Not available

Molecular Weight

Not available

Other data

Material name: Glycolic acid 70%

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Viscosity	Approx.. 6.149mm ² /s (23°C)
Dissociation constant	Not available
Explosive properties	Not available
Oxidising properties	Not classified as oxidizing
Surface tension	Not available

10. Chemical Stability & Reactivity Information

Reactivity	The substance is stable under normal storage and handling conditions.
Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Incompatible materials.
Incompatible materials	Oxidizing agents. Bases.
Hazardous decomposition products	Oxides of carbon.
Possibility of hazardous reactions	No hazardous reactions known.

11. Toxicological Information

Toxicokinetics, metabolism and distribution:

Non-human toxicological data: Not available

Information on toxicological effects:

Acute toxicity:

Glycolic acid (CAS# 79-14-1)

LD50(Oral, Rat):	2 040 mg/kg bw
LD50(Dermal, Rabbit):	Not available
LC50(Inhalation, Rat):	3.6 mg/L air 4h male
Skin corrosion/Irritation:	Causes severe skin burns and eye damage.
Serious eye damage/irritation:	Causes serious eye damage.
Environmental Hazards:	Harmful to aquatic life
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT- single exposure:	Not classified
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not classified

12. Ecological Information

Toxicity:

Glycolic acid (CAS# 79-14-1)

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	> 5 000 mg/L	96h	Fish	OECD 203	N/A	N/A
EC50	141 mg/L	48h	Daphnia	OECD 202	N/A	N/A
EC50	22.5 mg/L	72h	Algae	OECD 201	N/A	N/A

Persistence and degradability:	Not available.
Bioaccumulative potential:	Not available.
Mobility in soil:	Not available.
Results of PBT&vPvB assessment:	Not available.
Environmental Hazards:	Harmful to aquatic life.

13. Disposal Considerations

Disposal instructions

Material name: Glycolic acid 70%

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Dispose of contents/container in accordance with

SDS US

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local/regional/national/international regulations.

Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport Information

DOT

Basic shipping requirements:

UN number	3265
Proper shipping name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(Glycolic acid)
Hazard class	8
Packing group	II
Environmental hazards	No

IATA

UN number	3265
UN proper shipping name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(Glycolic acid)
Transport hazard class(es)	8
Packing group	II
Environmental hazards	No

IMDG

UN number	3265
UN proper shipping name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(Glycolic acid)
Transport hazard class(es)	8
Packing group	II
Environmental hazards	No

15. Regulatory Information

US federal regulations

Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical

Yes

Classified hazard categories

Corrosive to metal
Acute toxicity (any route of exposure)
Skin corrosion or irritation
Serious eye damage or eye irritation

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

16. Other Information

HMIS® ratings

Health:3
Flammability: 1
Physical hazard: 0

NFPA ratings

Health: 3
Flammability: 1
Instability: 0

Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Issue date

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