



Revision Date: March 8, 2017

Version No.: 2

SECTION 1 – IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

- 1.1 Product Identifier**
Product Name **JEECHEM GLYCOLIC ACID 70%, CG**
- 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**
Identified uses Cosmetic raw material
- 1.3 Details of the Supplier of the Safety Data Sheet**
Company JEEN International Corporation
24 Madison Road
Fairfield, New Jersey 07004
Tel: +1-973-439-1401
Fax: +1-973-439-1402
email: info@jeen.com
Website: www.jeen.com
- 1.4 Emergency telephone number** +1703-527-3887(Chemtrec Int'l Tel - Collect calls accepted)

SECTION 2 – HAZARDS IDENTIFICATION

- 2.1 Classification of the Substance or Mixture** according to Regulation (EC) 1272/2008
Harmful, corrosive
- 2.2 Label Elements** according to Regulation (EC) EU 1272/2008
Hazard pictogram
- 

- GHS07 GHS05
- Signal words Danger
- Hazard statements H302: Harmful if swallowed
H314: Causes severe skin burns and eye damage
H332: Harmful if inhaled
- Precautionary statements P280: Wear protective gloves/protective clothing/eye protection/face protection
- 2.3 Other Hazards** None known

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substances** -
- 3.2 Mixture**
- | | | |
|---------------------------|----------------------|-----------|
| Chemical characterization | Cosmetic ingredients | |
| INCI | Glycolic Acid | Water |
| CAS | 79-14-1 | 7732-18-5 |
| EC | 201-180-5 | 231-791-2 |
| Concentration | 69-71% | 29-31% |



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SECTION 4 – FIRST AID MEASURES

4.1 Description of First Aid Measures

Inhalation:	If inhaled, immediately remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
Skin Contact:	In case of contact, immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Call a physician. Wash contaminated clothing before reuse.
Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
Ingestion:	If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

SECTION 5 – FIRE FIGHTING MEASURES

5.1 Flammable Properties	Will not burn.
5.2 Fire and Explosion Hazards	Contact with active metals may produce flammable hydrogen gas. Will not burn.
5.3 Fire and Explosion Hazards	Contact with metals may produce flammable hydrogen gas.
5.4 Extinguishing Media	Use media appropriate for surrounding material.
5.5 Fire Fighting Instructions	None.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 Methods and Material for Containment and Cleaning Up	Neutralize spills with lime or soda ash. Flush spill area with plenty of water. If this material is spilled and not recovered, or is recovered as a waste for treatment or disposal, the CERCLA Reportable Quantity is 100 lbs. (Release of an unlisted hazardous Waste Characteristic of Corrosivity).
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SECTION 7 – HANDLING AND STORAGE

7.1 Precautions for Safe Handling	Do not get in eyes, on skin or on clothing. Avoid breathing mist. \ Wash thoroughly after handling.
7.2 Conditions for Safe Storage, including any Incompatibilities	Keep in a well-ventilated area. Protect bulk storage area from sparks and flame. Keep packages tightly closed. Store above 10°C (50°F) melting point.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Engineering Controls	Good general ventilation should be provided to keep mist concentrations below the recommended exposure limit.
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8.2 Personal Protective Equipment

Chemical splash goggles and rubber gloves. Wear a butyl rubber acid suit and NIOSH permissible respiratory protection if there is a reasonable possibility for exposure.

8.3 Exposure Guidelines

Exposure Limited

High Purity Glycolic Acid – 70%

PEL (OSHA): None Established

TLV (ACGIH): None Established

AEL* (DuPont): 10 mg/m³, 8 & 12 Hr. TWA

*AEL is JEEN International's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties

Appearance:	Transparent Liquid
Odor:	Like burnt sugar when in solution
pH @ 25°C:	0.5
Boiling Point, °C:	113
Melting Point:	10 °C
Vapor Pressure:	11 mmHg @20°C
Specific Gravity:	1.27
Ignition temperature:	N/A
Solubility Water:	Soluble
Soluble in:	Methanol, Alcohol, Acetone, Acetic Acid and Either. Organic Solvents
Acid, Total	70.0 Minimum
Water, %:	30.0 Maximum
Formic Acid, mg/kg:	100.0 Maximum
Color (Gardner):	1.0 Maximum
Sodium Chloride, %:	0.1 – 0.5
Flash Point:	N/A
Auto Ignition Temp.	N/A
Lower Explosion Limit:	N/A
Upper Explosion Limit:	N/A

SECTION 10 – STABILITY AND REACTIVITY

10.1 Chemical Stability

Stable.

10.2 Incompatible Materials

Reacts with active metals (like sodium), oxidizing agents (such as strong nitric acid), cyanide salts, or sulfide salts to produce hydrogen, oxides of nitrogen, hydrogen cyanide, or hydrogen sulfide gases, respectively.

10.3 Decomposition

Decomposition will not occur.



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10.4 Polymerization Polymerization will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects
Inhalation 4 hour LC50: 3.6 mg/L
Inhalation 4 hour LC50: 5.2 mg/L
Oral LD50: 1938 mg/kg

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Biodegradability Readily biodegradable. After 7 days, 89.6% is biodegraded (closed bottle test).

12.2 Ecotoxicity Runoff of product with pollute waterways

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods Comply with Federal, State, and local regulations. If approved, may be neutralized with lime or soda ash and flushed to wastewater treatment system. This material may be a RCRA hazardous waste due to its corrosive characteristic (pH).

SECTION 14 – TRANSPORTATION INFORMATION

14.1 Shipping Information
UN Number: 3265 PG:II
DG Class: 8
Proper Shipping Label: Corrosive Liquid, Acidic, Organic, NOS

SECTION 15 – REGULATORY INFORMATION

15.1 U.S. Federal Regulations
TSCA Inventory Status: Reported/Included.
Title III Hazard Classifications Sections 311, 312
Acute: Yes
Chronic: No
Fire: No
Reactivity: No
Pressure: No
Lists:
SARA Extremely Hazardous Substance: No

CERCLA Hazardous Material: Yes*
SARA Toxic Chemical: No
*See Disposal Section.
Canadian WHMIS Classification: E
Canadian Regulations: Class E Corrosive Material



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SECTION 16 – OTHER INFORMATION

NFPA, NPCA-HMIS

Health: 3

Flammability: 0

Reactivity: 0

Personal Protection rating to be supplied by user depending on use conditions.

Additional Information: The date in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

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