

**MATERIAL SAFETY DATA SHEET**  
**Glycolic Acid Gel 30%**

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**Product Code:** Rx 81  
**Product Name:** Glycolic Acid Gel 30%  
**Manufacturer:** SKNI, Inc 1005 Grant Dr, Richardson, Tx 75081  
**Emergency Phone:** (214)484-5207 (Mon - Fri, 10.00 am - 5.00 pm Central Time)

**Relevant identified uses of the substance or mixture and uses advised against**

**General use:** Material for use in skin care preparations

**Uses advised against:** zNo uses advises against

**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

**Substances:** N/A 3.2 Mixtures

**Chemical characterization**

% by Weight	Ingredients	CAS Number	EC Number	Index Number	GHS Classification
19-51	Glycolic Acid	79-14-1	201-180-5	-----	H302,H314
<3	Ethanol	64-17-5	200-578-6	603-002-00-5	H225

Non-hazardous ingredients: Water, Witch Hazel distillate, Hydroxyethyl Cellulose, Ammonium hydroxide (neutralized in situ)

There are no additional ingredients present which the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to the health or the environment and hence require reporting in this section.

**SECTION 3: HAZARDS IDENTIFICATION**

**Classification of substance or mixture**


**Product definition:** Mixture

**Classification in accordance with 29 CFR 1910 (OSHA HCS)**

**Acute toxicity , oral- Category 5 [H303]**

**Skin corrosion- Category 1C [H314]**

**Label Elements**

**Hazard Symbol (S):** 

GHS05

**Signal Word:** Danger

**Hazard Statements(S):** H303-May be harmful if swallowed

H314- Causes severer skin burn and eye damage

**Precautionary Statements:**

**[Prevention]** P260- Do not breathe vapor or mist.

P264- Wash hands and other skin areas exposed to material thoroughly after handling.

P280-Wear protective gloves, protective clothing, eye protection and face protection.

**[Response]** P301 + P330+P331-IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.

P303 + P361 + P350- IF ON SKIN: Remove immediately all contaminated clothing. Rinse skin with water or shower.

P304 + P340 + p310- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor.

## MATERIAL SAFETY DATA SHEET

### Glycolic Acid Gel 30%

**P305 ++ P310- 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 or doctor.

**P321- Specific treatment:** Contact POISON CENTER or doctor. Refer to Section 4 of this SDS.

**P363-Wash contaminated clothing before reuse.**  
[Storage] **P405- Store locked up.**  
[Disposal] **P501- Dispose of contents in accordance with national and local regulations.**

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#### SECTION 4: FIRST AID MEASURES

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**EYES:** Immediately flush eyes with water for at least 15 minutes. Remove contact lenses after the first 2 minute and continue washing. If discomfort, irritation persists, consult a physician.

**SKIN:** Flush skin with large amounts of water while removing contaminated clothing, and continue rinsing for at least 15 minute. Wash contaminated clothing thoroughly before reuse. Discard contaminated shoes. Seek immediate medical attention.

**INGESTION:** Rinse mouth with water if victim is conscious. Remove dentures. If any. Give 2 glasses of water or milk to drink if victim is conscious, alert and able to swallow. DO NOT induce vomiting unless direct to do so by medical personnel. Never give anything by mouth to an unconscious person. Obtain medical attention immediately. To prevent aspiration of swallowed product , lay victim on side with the head lower than the waist.

**INHALATION:** If respiratory irritation occurs, move the exposed person to fresh air immediately. Loosen tight clothing such as a collar, tie, belt or waistband. Seek medical attention immediately.

Most important symptoms and effects, both acute and delayed

Potential health symptoms and effects

**Eyes:** Causes burns to eyes and surrounding tissue. Symptoms may include redness, swelling, pain, tearing, burns, blurred vision, permanent eye damage and possible blindness. Mist or vapor can cause severe eye irritation eye damage.

**Skin:** Cause severe skin irritation and burns.

**Inhalation:** Harmful if swallowed. Causes burns to the lips, mouth, throat and gastrointestinal tract.

Causes headache, nausea vomiting, abdominal pain, diarrhea, tiredness, incoordination, collapse and unconsciousness. May cause perforation of the esophagus and stomach. May cause severe and permanent damage to the digestive tract.

**Chronic:** Chronic exposure may result in damage to liver and kidneys.

Indication of any immediate medical attention and special treatment needed

Advise to Doctor and Hospital Personal

Treat symptomatically and supportively.

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#### SECTION 5: FIRE-FIGHTING MEASURES

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##### EXTINGUISHING MEDIA

Suitable methods of extinction: Use extinguishing media suitable for surrounding fire.

Unsuitable methods of extinction: None known

**Special Hazards arising from the substance or mixture:** Closed containers may explode due to the buildup of pressure when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent or may be delayed. Obtain medical attention.

**Explosion Hazards:** Not considered to be explosion hazard.

## MATERIAL SAFETY DATA SHEET

### Glycolic Acid Gel 30%

**FIRE FIGHTING PROCEDURES:** Full protective equipment including self-contained breathing apparatus should be used if large quantities of products are involved. Water may be used to cool closed containers to prevent pressure build-up and possible explosion when exposed to extreme heat. Hazardous decomposition products may be released during a fire. Symptoms may not be apparent. Seek medical advice.

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#### SECTION 6: ACCIDENTAL RELEASE MEASURES

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##### Personal precautions, protective equipment and emergency procedures

Wear appropriate protective clothing designated Section 8. Approach spill from upwind. Remove all sources of ignition. Ventilate the area. Spill creates a slip hazard.

##### Environmental precautions

Avoid dispersal of spilled material or runoff and prevent contact with soil and entry into drains, sewers or waterways.

##### Methods and materials for containment and cleaning up

Cover drains and contain spill. Carefully neutralize spill with lime or soda ash. Cover spill with a large quantity of inert absorbent. Do not use for disposal. Observe possible material restrictions ( Sections 7.2 and 10.5). Dispose of via a licensed waste disposal contract. Contaminated absorbent material may pose the same hazard as the spilled product.

##### Reference to other sections

See Section 13 additional waste treatment information.

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#### SECTION 7: HANDLING AND STORAGE

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##### Precautions for safe handling

Wear all appropriate personal protective equipment specified in Section 8. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. If normal use of material present a respiratory hazard, use only adequate Ventilation or wear an appropriate respirator. Spills should be cleaned up promptly. Wash contaminated clothing before reuse. Destroy contaminated shoes.

Advice on protection against fire and explosion:

Keep away from heat and incompatibilities.

Conditions for safe storage, including any incompatibilities ;

Store in accordance with local regulations: Store in original container in a dry, cool and well ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep in original container, or transfer only to approved containers having correct labeling. DO NOT store in metal containers. Keep containers tightly closed when not in use. Protect container from physical damage. Containers that have been opened must be carefully resealed and keep upright to prevent leakage. Store protected from light and air. Keep away from alkalis. Keep away from metals. Use appropriate containment to avoid environmental contamination. Ventilate enclosed areas. Do not take internally. Keep locked up and out of reach of children.

##### Specific end uses

Apart from the uses mentioned in Section 1 no other specific are stipulated.

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#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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##### Occupational Exposure Limits

CAS Number	Ingredients	OSHA PEL	ACGIH	NIOSH
64-17-5	Ethanol	1,000ppm, 1,900mg/m3 TWA	1,000ppm 1,880mg/m3 TWA	1,000ppm, 1,900mg/m3 TWA

**MATERIAL SAFETY DATA SHEET**  
**Glycolic Acid Gel 30%**

3,300 ppm, IDLH

**Exposure controls**

**Engineering Measures:** Technical measures and appropriate working operations should be given priority over the use of personal protective equipment. Use adequate ventilation. Local exhaust is preferable. Refer to Section 7 for additional data.

**Individual protection measures:** Wear protective clothing to prevent repeated or prolonged contact with product. Protective clothing needs to be selected specifically for the workplace, depending on concentrations and qualities of hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the representative supplier.

**Hygiene measures:** Facilities storing or using this material should be equipped with an eyewash station and safety shower. Change contaminated clothing. Preventive skin protection is recommended. Wash hands thoroughly after use, before eating, drinking or using the lavatory.

**Eye Protection:** Wear protective goggles or safety glasses with non-perforated side shields and a face shield. Refer to 29 CFR 1910.133, ANSI Z87.4 or Standard EN 166.

**Hand Protection:** Wear Nitrile rubber gloves or those recommended by glove supplier for protection against materials in Section 3. Gloves should be impermeable to chemicals and oil. Breakthrough time of gloves must be greater than the intended use period.

**Other protective equipment:** Protective clothing. Protective boots, if the situation requires.

**Respiratory Protection:** Wear an appropriate filter type respirator when handling this product. Where risk assessment shows air-purifying respirators are appropriate use a full-faced respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Follow OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

**Environmental exposure controls:** Do not empty into drains.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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**APPEARANCE:** Clear, pale yellow liquid

**ODOR:** Mild similar to burnt sugar

Odor Threshold: Not data available

Molecular Weight: Not applicable

Chemical Formula: Not applicable

**DENSITY: 1.08 g/ml (9.013lb/gal)**

**pH:** 1.9 -3.7

**Freezing/Melting Point, Range 10 C (50 F), precipitates**

**BOILING POINT:** Data not available

Evaporation Rate: Not data available

Flammability (Solid, gas): Not applicable

Flash Point : Not applicable

Autoignition Temperature: Not applicable

Decomposition Temperature: >100 C(>212 F)

Lower Explosive Limit (LEL): Not applicable

**Upper** Explosive Limit (UEL): Not applicable

**SOLUBILITY IN WATER:** Soluble @ 20C

**VAPOR PRESSURE (mmHg):** Data not available

**VAPOR DENSITY (AIR = 1):** Not determined.

**SPECIFIC GRAVITY : 1.08 – 1.1.192**

## MATERIAL SAFETY DATA SHEET

### Glycolic Acid Gel 30%

Viscosity: Data not available  
Partition Coefficient: n-octanol/water: log Pow=0.07  
VOLATILE Volume @ 21 C: Formulation dependent  
Other data: No data available

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#### SECTION 10: STABILITY AND REACTIVITY

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**Reactivity:** No special reactivity has been reported  
**Chemical stability:** This product is stable under recommended storage conditions, handling and use.  
**Possibility of hazardous reactions:** Risk of violent reaction and explosion with metals. Contact may generate flammable hydrogen gas.  
**Hazardous polymerization:** does not occur.  
**Conditions to avoid:** Elevated temperatures. Contact with incompatible materials.  
**Incompatible materials:** Strong oxidizing agents, metals  
**Hazardous decomposition products:** Thermal decomposition products include oxides of carbon.

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#### SECTION 11: TOXICOLOGICAL INFORMATION

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**Information on toxicological effects:**  
**Acute Oral Toxicity:** LD50, rat: 3,900 to >5,000mg/kg, calculated  
**Acute inhalation toxicity:** LC50, rat (male): >3.6 mg/1,4 h  
**Acute dermal toxicity:** No data available  
**Skin irritation/corrosion:** Causes burns and eye damage. Risk of blindness  
**Sensitization:** No data available  
**Genotoxicity in vitro:** No data available  
**Mutagenicity:** Not data available  
**Specific organ toxicity-single exposure:** Not data available  
**Specific organ toxicity-repeated exposure:** No data available  
**Aspiration hazard:** No data available  
**Further information;** Ethanol (CAS #64-17-5): Carcinogen classification of IARC, ACGIH,NTP,PHSA and California Proposition 65 apply to beverage use only. This product is NOT intended for this use. Ethanol has been show to product fetotoxicity in the embryo or fetus of laboratory animals. Prenatal exposure to ethanol is associated with congenital malformations that have collectively been termed "fetal alcohol syndrome". This applies to beverage use only. This product is NOT intended for this use.  
Handle in accordance with good industrial hygiene and safety practice.

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#### SECTION 12: ECOLOGICAL INFORMATION

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**Toxicity:** Large discharges of this product to the environment may decreases the pH of aquatic systems to a value <2, which may be fatal to aquatic life and soil micro-organisms.  
**Persistence and degradability:** Readily biodegradable  
**Bioaccumulation potential:** Product will not bio accumulate.  
**Mobility in soil:** No data available  
**Results of PBT and vPvB assessment:** PBT/vPvB assessment not available.  
**Other adverse effects:**  
**Additional ecological information:** Handle in accordance with good industrial hygiene and safety practice. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

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#### SECTION 13: DISPOSAL CONSIDERATIONS

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**Method of disposal:** The generation of waste should be avoided or minimized whenever possible. Empty containers or liners may retain some product residues. This material and its container should be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the

## MATERIAL SAFETY DATA SHEET

### Glycolic Acid Gel 30%

requirements of environmental protection and waste disposal legislation and any regional, local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Hazardous waste: The classification of this product may meet the criteria for a hazardous waste.

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#### SECTION 14: TRANSPORT INFORMATION

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Note: Transportation information provided is for reference only. Customer is urged to consult 49 CFR 100-177, IMDG, IATA, EC, United Nations TDG and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

This material is not regulated for transport

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#### SECTION 15: REGULATORY INFORMATION

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Safety, health and environmental regulations/legislation specific for substance or mixture

##### U.S. FEDERAL REGULATIONS:

**OSHA Hazard Communication Standard:** This material is classified as hazardous as defined by the OSHA in 29 CFR 1900.1200.

**OSHA Process Safety Management Standard:** Chemicals in this product are not regulated under OSHA PSM Standard 29 CFR 1910.119.

**EPA Risk Management Planning Standard:** Chemicals in this product are not regulated under EPA RMP Standard (RMP) 40 CFR Part 68.

**EPA Federal Insecticide, Fungicide and Rodenticide Act:** This product is not a registered Pesticide under the FIFRA, 40 CFR Part 150.

**TSCA STATUS:** With Hazel (CAS #84969-19-5) is not listed or is exempt from listing (e.g. is a naturally-occurring material) on the TSCA Inventory. This product is intended for use in applications regulated by the Food and Drug Administration in the US. This product is not subject to TSCA 12(b) Export Notification.

##### Superfund Amendments and Reauthorization Act (SARA)

SARA 313 Information: Contains no extremely hazardous chemicals based on the reporting requirements of Section 313 of the emergency Planning and Community Right –to Know Act of 1986.

SARA Section 311/312 Hazard Categories: Acute Health Hazard, Chronic Health Hazard.

SARA 302/304 Extremely Hazardous Substance: No components of this product are subject to the reporting requirements of these sections of Title III of SARA.

SARA 302/304 Emergency Planning & Notification: None of the chemicals in this product are subject to reporting requirements of these sections of Title II of SARA.

Comprehensive Response Compensation and Liability Act (CERCLA): Contains no CERCLA reportable substances.

##### Clean Air Act (CAA)

None of the chemicals in this product are listed as Hazardous Air Pollutants(HAPs) designated in CAA Section 112(b).

This product does not contain any Class 1 Ozone depletors.

This product does not contain any Class 2 Ozone depletors.

##### Clean Water Act (CWA)

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

##### U.S .STATE REGULATIONS:

**MATERIAL SAFETY DATA SHEET**  
**Glycolic Acid Gel 30%**

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: Carcinogen classification for Ethanol (CAS #64-17-5) applies to beverage use only. This product is NOT intended for this use.

Other U.S. State Inventories:

Ethanol (CAS#64-17-5) is listed on the following State Hazardous Substance Inventories, Right-to-Know list and/or Air Quality/Air Pollutants list: CA, ID, MA, PA, MN, WA.

Canada

WHMIS Hazard Symbol and Classification



**E-Corrosive**

Canadian National Pollutant Release Inventory (NPRI); None of the substances in this product are listed on the NPRI.

Europe Economic Community

Labeling (67/548/EEC or 1999/45/EC)



**C-Corrosive**

Risk Phrases R34- Causes burns.

Safety Phrases: S1/2 Keep locked up and out of the reach of children

S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.

S45- If you feel unwell, seek medical attention immediately (show label or this MSDS where possible).

WGK, Germany (Water danger/protection): 1

Global Chemical Inventory List

Country	Inventory Name	Inventory Listing*
Canada	Domestic Substance List (DSL)	Yes
Canada	Non-Domestic Substance List (NDSL)	No
Europe	Inventory of New and Existing Chemical (EINECS)	Yes
United State	Toxic Substance Control Act (TSCA)	Yes
Australia	Australia Inventory of Chemical Substances (AICS)	Yes
New Zealand	New Zealand Inventory of Chemicals (NZIoC)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Japan	Inventory of Existing New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	No
Philippines	Philippines Inventory of Chemicals and Chemical Substances (PICCS)	Yes

\*\*"yes" indicates that all components of this product are in compliance with the inventory requirements administered by the governing country.

\*\*"No" indicates that one or more components of this product are not on the inventory or are exempt from listing.

Chemicals safety assessment: For this a chemical safety assessment was not carried out

**SECTION 16: OTHER INFORMATION**

**MSDS STATUS:** First issue.

**PREPARATION INFORMATION:** Robert Helmes

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