



# SAFETY DATA SHEET

NFPA Rating: Health: 2 Flammability: 3 Reactivity: 0 Special: 0



**TELEPHONE CONTACTS:**  
Product Technical and Medical Information: (800) 433-8871  
Transportation Emergency 24-Hour Response (CHEMTREC): (800) 424-9300

## SECTION 1: PRODUCT IDENTIFICATION

Compound Name: **VIVITE<sup>®</sup> GLX I Chemical Peel Gel**  
Chemical Class: Ammonium Glycolate  
Manufacturer's Name: Allergan, Inc.  
Address: 2525 Dupont Drive  
Irvine, CA 92612  
Preparation Date: January 30, 2008

## SECTION 2: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** VIVITE<sup>®</sup> GLX I Chemical Peel Gel may cause moderate to severe irritation to eyes. Do not allow contact with eyes. Product is flammable. Keep away from flames or other ignition sources.

|   |   |   |   |
|---|---|---|---|
| <b>Hazard Classification (GHS):</b>             | Flammable Liquid (Category 3)<br>Eye Irritant (Category 2A)             |  |  |
| <b>Signal Word and Hazard Statements (GHS):</b> | Warning – Flammable liquid and vapor.<br>Causes serious eye irritation. |   |   |

### Potential Health Effects:

**EYE CONTACT:** Contact with the eyes may result in moderate to severe irritation.

**SKIN CONTACT:** Prolonged contact with the skin may result in mild to moderate irritation.

**INHALATION:** Not likely to occur under normal conditions of use. Exposure to high concentrations of ethanol vapor can have a narcotic effect, producing symptoms of dizziness, drowsiness or headache.

**INGESTION:** May cause irritation, nausea and vomiting if swallowed.

**CHRONIC EFFECTS:** VIVITE<sup>®</sup> GLX I Chemical Peel Gel has been shown to be non-irritating and non-sensitizing when used as directed. Prolonged exposure to excessive ethanol can affect the central nervous system, liver, blood and reproductive system.

**SECTION 3: COMPOSITION/HAZARDOUS INGREDIENTS**

| Chemical Name                              | CAS Number | Percent (By Weight) | Exposure Limits in Air (8 hr. TWA) |           |              |
|--|------------|---------------------|------------------------------------|-----------|--------------|
|  |            |                     | OSHA PEL                           | ACGIH TLV | ALLERGAN OEL |
| Ethyl alcohol                              | 64-17-5    | <25                 | 1000 ppm                           | 1000 ppm  | N/A          |
| Glycolic acid/Ammonium glycolate (pH 3.25) | 79-14-1    | 25.8                | N/A                                | N/A       | N/A          |

**SECTION 4: FIRST AID MEASURES**

- Eye Contact:** If contact or irritation occurs, flush eyes with plenty of water for at least 15 minutes. Obtain medical attention if irritation or other symptoms occur.
- Skin Contact:** Wash skin thoroughly with soap and water. If irritation develops consult a physician  
  
Thoroughly launder contaminated clothing before reuse.
- Inhalation:** Not likely to occur under normal conditions of use. If symptoms occur, move to fresh air and obtain medical attention. Treat symptomatically.
- Ingestion:** Treatment of an oral overdose includes supportive and symptomatic therapy. Consult a physician or poison control center immediately if symptoms develop.

**SECTION 5: FIRE FIGHTING MEASURES**

- Flash Point and Method:** 82°F (Pensky Martens Closed Cup)
- Flammable Limits:** LEL: 3.3% (Ethyl alcohol)
- Autoignition Temperature:** 363 °C / 685 °F (Ethyl alcohol)
- Fire-Extinguishing Materials:** Use extinguishing media suitable for materials supporting combustion such as water fog, CO<sub>2</sub>, foam, or dry chemical.
- Fire fighting Procedures:** Use self-contained breathing apparatus in enclosed or confined spaces or as otherwise needed.
- Unusual Fire and Explosion Hazards:** Product is flammable. Keep away from flames or other ignition sources.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Sweep up or take up with absorbent material and wash with water. If large quantities are spilled, flush spill area with water.

## SECTION 7: HANDLING AND STORAGE

**Handling:** Avoid unintentional contact with skin surfaces. Do not allow contact with eyes. Wash thoroughly after handling. Observe all labeling precautions and protective equipment recommendations.

**Storage:** Store in a cool, dry location out of direct sunlight. Keep container closed when not in use.

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Engineering Controls:** None necessary for normal product handling.

**Respiratory Protection:** None necessary for normal product handling. In the event of large spill clean-up, wear an approved air-purifying respirator with organic vapor cartridges when working with this material.

**Eye Protection:** None necessary for normal product handling. For large spill clean-up, use safety glassed to avoid eye contact.

**Protective Clothing:** None necessary for normal product handling. Clinicians repeatedly applying the product to patients should wear latex gloves when handling VIVITE® GLX I Chemical Peel Gel.

**Hygienic Work Practices:** Wash hands thoroughly after handling. No eating, drinking, or smoking in area.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance and Odor:** Clear liquid with slight alcohol odor

**pH:** 2.5-3.0

**Melting Point/Freezing Point:** No data for this product

**Vapor Density (Air = 1):** No data for this product

**Boiling Point:** 80 °C (Ethyl alcohol)

**Evaporation Rate:** No data for this product

**Solubility in Water:** Dispersible

**Specific Gravity:** 1.10-1.20 @ 25 °C

**Vapor Pressure (mm Hg at 20° C):** No data for this material

## SECTION 10: STABILITY AND REACTIVITY

**General:** This product is stable and hazardous polymerization will not occur.

**Incompatible Materials and Conditions to Avoid:** Store away from oxidizers and heat. Store below 30 °C.

**Hazardous Decomposition:** None known

## SECTION 11: TOXICOLOGICAL INFORMATION

- Oral:** The oral LD<sub>50</sub> for VIVITE<sup>®</sup> GLX I Chemical Peel Gel, based on its alcohol content, can be calculated to be between 7.06 and 10.6 g/Kg when tested in rats.
- Skin:** During clinical trials, one hundred subjects were enrolled in a study which entailed a total of 6 Glycolic Acid Peels (1 every 2 weeks) to be applied as indicated on the product use directions. None of the patients experienced any significant difficulty, although three had some erythema that remained more than a few minutes. No vesicles, no scarring and no systemic side effects were noted by the investigator.
- Ocular:** Product may produce moderate to severe irritation upon contact with eyes.
- Reproduction:** Not tested
- Mutagenicity:** Not tested

## SECTION 12: ECOLOGICAL INFORMATION

- Persistence and Degradability:** Readily and rapidly degradable.
- Aquatic Toxicity:** No data available on this product.

## SECTION 13: DISPOSAL CONSIDERATIONS

This product is flammable, and is classified as "ignitable" when disposed of as a waste product. Dispose of this material in accordance with all applicable governmental regulations pertaining to ignitable wastes.

## SECTION 14: TRANSPORT INFORMATION

ID 8000 Consumer Commodity, containing flammable solution ORM-D  
UN 1993 Flammable Liquid N.O.S. (Ethyl Alcohol Solution), Class 3, Pkg Group III.

## SECTION 15: REGULATORY INFORMATION

**TSCA (Toxic Substances Control Act):**

Components of this product are listed on the TSCA Inventory.

**CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):**

This product contains no components subject to reporting or notification requirements.

**SARA Title III (Superfund Amendments and Reauthorization Act):**

**311/312 Hazard Categories:** Fire hazard, Acute Health, Chronic Health  
**313 Reportable Ingredients:** None

**WHMIS (Workplace Hazardous Materials Information System - Canada):**

Not Regulated (Product is regulated by the Food and Drugs Act)

**California Proposition 65:**

This product contains no components known to the State of California to cause cancer or reproductive effects.

**European Information In Accordance With EU Classification and Packaging Directives:**

**Hazard Symbol:** Xi (Irritant); F (flammable)

**Risk Phrases:**

R 10 – Flammable

R 36 – Irritating to eyes

**Safety Phrases:**

S 7 – Keep container tightly closed.

S 16 – Keep away from sources of ignition. No smoking.

S 25 – Avoid contact with the eyes.

**SECTION 16: OTHER INFORMATION**

**Revision Summary:** MSDS prepared January 30, 2008

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