Gingi-Pak
4825 Calle Alto, Camarillo, CA 93012

SAFETY DATA SHEET

Product Identification: Gingi -Aid Solution

Section 1: Product and Company Identification

1.1 Product identifiers

Chemical Name:	Aluminum Chloride Hexahydrate
Trade Name:	Active Ingredient Aluminum Chloride
Identification Number(s):	12114 & 12115

1.2 Identified uses

Caution: Federal Law restricts this product to sale and use on the order of a Dentist.

Formulation for gingival retraction and hemostasis hemorrhage control. Gingi-Aid is readily absorbed by retraction cords and can be applied like traditional hemostyptic solutions by cotton pellet, saturated cord, paper point, mini-sponge, dabbett or syringe.

1.3 Supplier

Manufacturer/Supplier:	Gingi-Pak 4825 Calle Alto, Camarillo, CA 93012
Telephone:	(805) 764-4464
Fax	(805) 484-5076

1.4 Emergency Contact : (805) 484-1051

Section 2: Hazard(s) Identification

2.1 Classification of Aluminum Chloride

Pictogram :



Signal word s: Mild irritant.

2.2 Label elements , including precautionary statements

Primary routes of exposure
Inhalation
Ingestion

Precautionary statement(s)
IF INHALED: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
IF INGESTED: DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
IF ON SKIN: Wash with soap and water.
IF IN EYES: Check for and remove any contact lenses. Flush with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

Precaution:
Discontinue use if irritation appears. FOR TOPICAL APPLICATION ONLY. Keep away from eyes.

Precaution:
In individuals with cardiovascular disease, diabetes, hyperthyroidism and hypertension.

Medical Conditions Aggravated by Exposure
Patients known to have a history of hypersensitivity to Aluminum Chloride.

Effects of Overexposure
Acute: Mild skin irritation – 7500 mg level with intermittent application over 36 hours.
Chronic: Acid burn reaction on all sites.

Section 3: Composition/Information on Ingredients

Chemical name: Aluminum Chloride Hexahydrate
Common name and synonyms: Active Ingredient Aluminum Chloride
Chemical Family: Metal Salt
Formula: A1C136H2O

Constituent	Percent	CAS Number	RTECS
Aluminum Chloride	22-26%	7784-13-6	BD0530000
Sodium Bicarbonate As needed.		144-55-8	

Section 4: First -Aid Measures

- Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- Ingestion: DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
- Skin: Wash with soap and water.
- Eyes: Check for and remove any contact lenses. Flush with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

Section 5: Fire -Fighting Measures

Flash point: N/A
Flammable (explosive) limits V/V: Non-flammable.
Extinguishing Media: CO_2, H_2O spray, foam, dry chem. 1984 Guide.
Special firefighting procedures: Self contained breathing apparatus.
Unusual fire and explosion hazards: Crystalline form emits toxic and corrosive fumes under fire conditions.

Section 6: Accidental Release Measures

Steps to be taken if material is released or spilled: Collect to suitable container.
Waste disposal method: Dispose of all wastes in accordance with Federal, State, and Local Regulations.
Environmental hazards: Not found.

Section 7: Handling and Storage

Handling Precautions: Do not ingest. If ingested, seek medical advice and show the container or the label.
Storage Precautions: Keep container tightly closed. Keep container in cool, well ventilated area.

Section 8: Exposure Controls/Personal Protection

Ventilation: Local ventilation.
ACGIH TLV: 1984-85
Respiratory Protection: Dust mask recommended.
Protective Gloves: Suitable to avoid contact.
Eye Protection: Safety glasses.
Medical Surveillance: Do NOT use gastric gavages.

Section 9: Physical and Chemical Properties

Information on physical and chemical properties:

Appearance (physical state, color, etc.): Clear liquid state/white crystalline powder.
Odor/Odor threshold: N/A
Upper/lower flammability or explosive limits: N/A
pH: N/A
Relative density: N/A
Melting point: 212 F
Freezing point: N/A
Initial boiling point and boiling range: N/A
Flash point: Non combustible
Evaporation rate: N/A
Flammability (solid, gas): Negligible
Upper/lower flammability or explosive limits: N/A
Vapor pressure: N/A
Vapor density: N/A
Relative density: N/A
Specific gravity (H_20=1): 2.398-2.44
Solubility in water: Soluble
Partition coefficient: N/A
Auto-ignition temperature: N/A
Decomposition temperature: N/A
Viscosity: N/A

Section 10: Stability and Reactivity

General reactivity: Stable under normal temperatures and pressure. Decomposes on exposure to moist air or water.
Incompatibility (materials to avoid): Reactive with oxidizing agents, alkalis.
Hazardous decomposition products: Thermal decomposition may release corrosive Hydrogen Chloride.

Section 11: Toxicological Information

- Routes of Entry: Inhalation. Ingestion.
- Toxicity
  ORL-RAT Dose LD50 3750 mg/kg Limits Duration
  SKN-Human 7500 mg 3 days
  DND-Mam 40 mmo1/L 2 days
- Carcinogenic References: Not available.
- Mutagenic Effects: Not available.
- Teratogenic Effects: Not available.
- Development Toxicity: Not available.

Section 12: Ecological Information (non -mandatory)

Ecotoxicity: No data available
Persistence and degradability: No data available
Bioaccumulation potential: No data available
Mobility in soil: No data available
Other adverse effects: No data available

Section 13: Disposal Considerations (non -mandatory)

Disposal method: Dispose of all wastes in accordance with Federal, State, and Local Regulations.
Hazardous decomposition products: Thermal decomposition may release corrosive Hydrogen Chloride.

Section 14: Transport Information (non -mandatory)

DOT Classification: Not a DOT controlled material (United States)
Identification number: N/A
Hazard class: N/A
Labels required: N/A

Section 15: Regulatory Information (non -mandatory)

Component: Aluminum Chloride Hexahydrate

California Proposition 65 (list of chemicals known to cause cancer):	Not on list.
Section 355 (extremely hazardous substance):	Not on list.
SARA 313 (specific toxic chemical listing):	Not on list.
RCRA Code:	Not on list.
TSCA (Toxic Substances Control Act):	Not on list. This material is exempt from TSCA 8(b) listing since it is a hydrate.
HMIS: Health: 2 Flammability: 0 Reactivity: 0 Specific Hazard:	NFPA: Health Hazard: 2 Fire: 0 Reactivity: 0 Personal Protection: E

Section 16: Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Gingi-Pak shall not be held liable for any damage resulting from handling or from contact of the above product.

Preparation Information:
Gingi-Pak, A Division of Belport, Inc.

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