

SAFETY DATA SHEET

Product Identification: Gingi-Aid Z-Twist with Aluminum Sulfate

Section 1: Product and Company Identification

1.1 Product identifiers

Chemical Name:	Aluminum Sulfate, Octadecahydrate
Trade Name:	(As Labeled) Gingi-Aid
Identification Number(s):	12170, 12171, 12172, 12173

1.2 Identified uses

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

Gingi-Pak aluminum sulfate retraction cords/braids are used in the mechanical retraction of the gingival tissue around the tooth. Tissue moisture activates the aluminum sulfate.

1.3 Supplier

Manufacturer/Supplier:	Gingi-Pak, A Division of Belpo, Inc. 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 chemical

Pictogram:



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Signal word: Irritation.

2.2 Label elements, including precautionary statements

Primary routes of exposure

Inhalation: Mucous membrane irritation.

Ingestion: Consult physician.

Skin: Acid burning irritation reaction.

Eyes: Acid burning irritation reaction.

Precautionary statement(s)

IF INHALED: Remove to fresh air immediately. Consult physician if respiratory passages are irritated.

IF INGESTED: Remove to fresh air immediately. Consult physician if respiratory passages are irritated.

IF ON SKIN: Wash with soap and water.

IF IN EYES: Check for and remove any contact lenses. In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Cold water may be used. Contact physician.

Precaution:

Discontinue use if irritation appears.

FOR TOPICAL APPLICATION ONLY. Keep away from eyes.

Medical Conditions Aggravated by Exposure

Patients known to have a history of hypersensitivity to Aluminum Salts.

Effects of Overexposure

No data available.

Section 3: Composition/Information on Ingredients

- Common name and synonyms: (As Labeled) Gingi-Aid
- Chemical Family: Inorganic Salt
- Formula: $\text{Al}_2(\text{SO}_4)_3 \cdot 18\text{H}_2\text{O}$

Constituent	Percent	CAS Number	OSHA PEL	ACGIH TLV
Aluminum Sulfate	0.411-0.684	7784-31-8		

Section 4: First-Aid Measures

- Inhalation: Remove to fresh air immediately. Consult physician if respiratory passages are irritated.
- Ingestion: Remove to fresh air immediately. Consult physician if respiratory passages are irritated.
- Skin: Wash with soap and water.
- Eyes: Check for and remove any contact lenses. In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Cold water may be used. Contact physician.

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Section 5: Fire-Fighting Measures

- Flash point: Non flammable
- Flammable (explosive) limits V/V: N/A
- Extinguishing Media: Dry chemical, carbon dioxide, water spray or regular foam.
- Special firefighting procedures: Self contained breathing apparatus and full protective clothing.
- Unusual fire and explosion hazards: Negligible when exposed to heat or flame.

Section 6: Accidental Release Measures

- Steps to be taken if material is released or spilled: Absorb and flush area with water.
- Waste disposal method: Dispose of all wastes in accordance with Federal, State, and Local Regulations
- Environmental hazards: N/A

Section 7: Handling and Storage

Handling Precautions

- Ventilation and engineering controls: General ambient office
- Respiratory protection (type): N/A
- Gloves (specify material) latex medical gloves other clothing and equipment,
- Eye protection (type): N/A

Storage Precautions

- Keep container tightly closed. Keep container in cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

- Ventilation: Local ventilation.
- Respiratory Protection: Dust mask recommended.
- Protective Gloves: Suitable to avoid contact.
- Eye Protection: Safety Glasses
- Medical Surveillance: N/A

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Section 9: Physical and Chemical Properties

Information on physical and chemical properties:

- Appearance (physical state, color, etc.): White crystal with sweet taste.
- Odor/Odor threshold: N/A
- Upper/lower flammability or explosive limits: N/A
- pH: Acidic in solution
- Relative density: N/A
- Melting point: Decomposition temperature: 185°F
- Freezing point: N/A
- Initial boiling point and boiling range: N/A
- Flash point: Non flammable
- Evaporation rate: N/A
- Flammability (solid, gas): N/A
- Upper/lower flammability or explosive limits: N/A
- Vapor pressure: N/A
- Vapor density: N/A
- Relative density: N/A
- Specific gravity (H₂O=1): 1.69 @ 62 F
- 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

Stability

- Stability: Stable
- Conditions of Instability: Incompatible materials, moisture.

Reactivity

- General reactivity: Stable under normal temperatures and pressure.
- Incompatibility (materials to avoid): Bases: Violent reaction; Moisture: Corrodes metal.
- Hazardous decomposition products: Thermal decomposition may release toxic oxide or Sulfur.

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Section 11: Toxicological Information

- Routes of Entry: Inhalation. Ingestion.
- Toxicity:

Organism	Test type	Route	Reported Dose (Normalized Dose)
Mouse	LD50	intraperitoneal	997mg/kg (997mg/kg)
Mouse	LD50	oral	> 9gm/kg (9000mg/kg)
Rat	LD50	intraperitoneal	61mg/kg (61mg/kg)
Rat	LD50	oral	> 9gm/kg (9000mg/kg)

- Carcinogenic References: None
- Local effects: Irritant: inhalation, skin and eyes.
- Target effects: No data 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.

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

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Section 15: Regulatory Information (non-mandatory)

Component: Aluminum Sulfate

California Proposition 65 (cause cancer which would require a warning under statute):	Not on list.
Section 355 (extremely hazardous substances):	Not on list.
SARA 313 (specific toxic chemical listing):	Not on list.
TSCA (Toxic Substances Control Act):	Not on list.
Other Classification: WHMIS (Canada): D-2B: Material causing other toxic effects (TOXIC).	HMIS (U.S.A.): Health Hazard: 2 Fire Hazard: 0 Reactivity: 0 Personal Protection: E
National Fire Protection Association (U.S.A.): Health: 1 Reactivity: 0 Flammability: 0 Specific Hazard:	
Carcinogen Effects	Not available.
Mutagenic Effects	Not available.
Teratogenic Effects	Not available.

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 Belpoint, Inc.

Revision Date:
6/11/2014