

SAFETY DATA SHEETS

This SDS packet was issued with item:

073421328

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

073421310 073421336 073421344 073421351 073426830 073426848 073426855 073426863 073428703 073428802

073428810 073428828 073428836 073428844

Material Safety Data Sheet

This information herein is given in good faith, but no warranty expressed or implied is made. Consult Gingi-Pak for further information.	Gingi-Pak, a division of Belpo Company Inc. 4825 Calle Alto Camarillo, CA 93012
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MSDS Identification Number	Date Issued	Issued By	Emergency Phone	IV. Fire, Explosion and Reactivity Information		
12170 12171 12172 12173	February 2005	OM	(805) 484-1051	Flash Point: Non flammable		Flammable (Explosive) Limits V/V LEL: UEL:
I. Product Identification: Gingi-Aid Z-Twist with Aluminum Sulfate				Extinguishing Media	Dry chemical, carbon dioxide, water spray or regular foam.	
Chemical Name: Aluminum Sulfate, Octadeca Hydrate			Chemical Family: Metal Salt		Special firefighting procedures: Self contained breathing apparatus and full protective clothing.	
Trade Name: (As Labeled) Gingi-Aid			Formula: $A1_2(SO_4)_3 \cdot 18H_2O$		Unusual fire and explosion hazards:	
II. Hazardous Constituents:				General Reactivity: Stable under normal temperatures and pressure.		
Constituent	Percent	CAS Number	NIOSH RTECS Number	OSHA PEL	ACGIH TLV	Incompatibility (materials to avoid): Bases: Violent reaction Moisture: Corrodes metal
Aluminum Sulfate	16-26 %	7784-31-8				Hazardous decomposition Products: Thermal decomposition may release toxic oxide or Sulfur.
III. Physical Data:				V. Health and Hazard Information:		
Freezing Point: N/A		Vapor Pressure (mmHg): N/A		Primary Routes Of Exposure	Inhalation: Mucous membranes irritation.	
Melting Point: 189°F		Vapor Density (AIR-1): N/A			Ingestion: Consult Physician	
Boiling Point: N/A		Specific Gravity (H ₂ O=1): 1.69			Skin: Acid burning irritation reaction	
Sublimes: N/A		Solubility In Water: Soluble			Eyes: Acid burning irritation reaction.	
Evaporation Rate: N/A		% Volatiles By Volume: N/A		Toxicity		
Appearance and Odor: White crystal with sweet taste.				Effects of Overexposure	No data available.	
				Carcinogenic References	None	
				Medical Conditions Aggravated by Exposure	Patients known to have a history of hypersensitivity to Aluminum Salts.	

V1. Emergency and First-Aid Procedures		IX. Special Precautions	
Inhalation	Remove to fresh air immediately, consult physician if respiratory passages are irritated.	Handling Precautions	Ventilation and engineering controls: General ambient office Respiratory protection (type) N/A
Ingestion	Consult physician- Do not use gastric geavage.	Storage Precautions	Gloves (specify material) latex medical gloves other clothing and equipment, Eye protection (type) N/A
Skin	Wash with soap and water.	X. DOT Shipping Requirements	
Eyes	Immediately rinse with copious amounts of water, contact physician.	Shipping Name	None
VII. Industrial Hygiene Control Measures		Identification Number	None
Ventilation	Local Ventilation.	Hazard Class	None
Respiratory Protection	Dust mask recommended.	Labels Required	None
Protective Gloves	Suitable to avoid contact.	Product Hazard Warning Label Caution: Federal Law restricts this product to sale and use on the order of a Dentist. Precaution: Discontinue use if irritation appears. FOR TOPICAL APPLICATION ONLY. Keep away from eyes.	
Eye Protection	Safety Glasses.		
Medical Surveillance	N/A		
VIII. Environmental Protection Information			
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		

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 4825 Calle Alto, Camarillo, CA 93012
Telephone:	(805) 764-4464
Fax	(805) 484-5076

1.4 Emergency Contact : (805) 484 -105 1

Section 2: Hazard(s) Identification

2.1 Classification of chemical

Pictogram:



SAFETY DATA SHEET**Product Identification: Gingi-Aid Z-Twist with Aluminum Sulfate****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.

SAFETY DATA SHEET**Product Identification:** *Gingi -Aid Z -Twist with Aluminum Sulfate***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

SAFETY DATA SHEET**Product Identification:** *Gingi-Aid Z-Twist with Aluminum Sulfate***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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Product Identification: Gingi-Aid Z-Twist with Aluminum Sulfate

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

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 Belport, Inc.

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6/11/2014