

# SAFETY DATA SHEETS

**This SDS packet was issued with item:**

073421054

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

073421070 073421088 073421096 073421104 073421195 073421203 073421211 073421229 073421237 073426723  
073426731 073426749 073426756 073426764 073427853 073427861 073427879 073427887 073428026 073428307  
073428711 073428729 073428737 073428745

**SAFETY DATA SHEET**

*Product Identification: Gingi-Pak with DL-Epinephrine HCl*

**Section 1: Product and Company Identification**

**1.1 Product identifiers**

Chemical Name:	(+/-) Adrenaline hydrochloride
Trade Name:	dl-epinephrine HCl
Identification Number(s):	10120M 10130M 10135 10140 10145 10105M 10110M 10115M 10170M 10171M 10172M 10173M

**1.2 Identified uses**

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

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

**1.3 Supplier**

Manufacturer/Supplier:	Gingi-Pak, A Division of Belpport, 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:**



**Signal word:** Irritant.

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**2.2 Label elements, including precautionary statements**

**Primary routes of exposure**

- Inhalation: Rare.
- Ingestion: Systemic reaction.
- Skin: May be an irritant.
- Eyes: Irritant.

**Precautionary statement(s)**

- IF INHALED: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
- IF INGESTED: DO NOT induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call physician immediately.
- IF ON SKIN: Wash affected area. Cover irritated skin with an emollient.
- 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. Get medical attention if irritation occurs.

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

**Hazardous statements**

- **Acute:** Heart palpitations, anxiety, rapid pulse.
- **Chronic:** Systematic reaction may aggravate existing medical conditions.

**Section 3: Composition/Information on Ingredients**

- Common name and synonyms: Vasoconstrictor.
- Formula: C<sub>9</sub>H<sub>13</sub>NO<sub>3</sub>

Constituent	CAS Number	RTECS
Epinephrine	51-43-4	DO2625000

**Section 4: First-Aid Measures**

- Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical assistance.
- Ingestion: DO NOT induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call physician immediately.
- Skin: Wash affected area.

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- 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. Get medical attention if irritation occurs.

**Section 5: Fire-Fighting Measures**

- Extinguishing Media: CO<sub>2</sub> dry foam powder, water spray.
- Flammability of Product: May be combustible at high temperature.
- Unusual fire and explosion hazards: Hazardous fumes.

**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: General care.
- Storage Precautions: Keep container tightly closed.
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**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 powder-dry form and light yellow to clear liquid.
- Odor/Odor threshold: No data available.
- Upper/lower flammability or explosive limits: No data available.
- pH (1% soln/water): 9.0 at g/l
- Relative density: No data available.
- Melting point: 211°C (411.8°F) – 212 C
- Freezing point: No data available.
- Initial boiling point and boiling range: No data available.
- Flash point: No data available.
- Evaporation rate: No data available.
- Flammability (solid, gas): No data available.
- Upper/lower flammability or explosive limits: No data available.
- Vapor pressure: No data available.
- Vapor density: No data available.
- Relative density: No data available.
- Solubility:  
Very slightly soluble in cold water.  
Insoluble in diethyl ether, acetone.  
Readily soluble in aqueous solutions of mineral acids and sodium hydroxide and potassium hydroxide.  
Insoluble in chloroform, oils, aqueous solutions of ammonia and of alkali carbonates.  
Very slightly soluble in alcohol.  
Solubility in Water: 1000mg/l @ 20-25 deg. C.
- Partition coefficient: n-octanol/water: No data available.
- Auto-ignition temperature: No data available.
- Decomposition temperature: No data available.
- Viscosity: No data available.

**Section 10: Stability and Reactivity**

**Stability**

- Stability: Stable
- Conditions of Instability: Excess heat, incompatible materials, light, air.
- Incompatibility with various substances: Reactive with oxidizing agents, alkalis.

**Reactivity:** Air and light sensitive.

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**Section 11: Toxicological Information**

- Routes of Entry: Absorbed through skin. Dermal contact. Inhalation. Ingestion.
- Toxicity to Animals: Acute dermal toxicity (LD50): 62 mg/kg [Rat]
- Chronic Effects on Humans:  
 Mutagenic Effects: Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast.  
 May cause damage to the following organs: cardiovascular system, upper respiratory tract, central nervous system (CNS).  
 Hazardous in case of skin contact (permeater), of ingestion, of inhalation.  
 Slightly hazardous in case of skin contact (irritant).
- LDL oral rat 30mg/kg
- LDL oral mouse 50mg/kg
- LDL[Rat] – Route: Intraperitoneal; Dose: 10mg/kg
- Potential Health Effects:  
 Skin: May cause skin irritation.  
 Eyes: May cause eye irritations.  
 Inhalation: May be harmful if inhaled.  
 Ingestion: Harmful if swallowed.

**Section 12: Ecological Information (non-mandatory)**

- Ecotoxicity: Ecotoxicity in water (LC50): 40 mg/l 24 hours [Daphnia (daphnia)]. 31.7 mg/l 48 hours [Daphnia (daphnia)].
- 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

