

MATERIAL SAFETY DATA SHEET

SECTION I - Product/ Company Identification

1.1 Product Trade Name: Topical Anesthetic Gel - Strawberry, Mint, Cherry and Bubblegum Flavor
1.2 Part (Item) Number: 029-0101, 029-0201, 029-0301, 029-0401
1.3 Manufacturer: DENTAL TECHNOLOGIES, INC.
1.4 Address: 6901 N. HAMLIN AVENUE
City, State, Zip: LINCOLNWOOD, IL. 60712 U.S.A.
1.5 Emergency Telephone Number: (800) 424-9300 / (703) 527-3887 (Chemtrec)
1.6 Information Telephone Number: (800) 835-0885 / (847) 677-5500
1.7 Date Revised: 28-Jul-08 Rev. 000

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components:	%	CAS NO.	SYMBOL	R	OTHER LIMITS
Benzocaine	18 - 22	[94-09-7]	Xi	38&43	

SECTION III - Hazards Identification

HAZARD CLASSIFICATION: Possible skin and eye irritant.
POTENTIAL HEALTH EFFECTS:
Eye: Mild or acute anesthetic reaction.
Skin: Mild anesthetic reaction.
Inhalation: Vapors generated at high temperature may result in respiratory track irritation.
Ingestion: Anesthetic reaction.

SECTION IV - First Aid Measures

Eye: Flush with copious amounts of water, consult physician.
Skin: Wash with soap and water.
Inhalation: Remove to fresh air, assist breathing, consult physician.
Ingestion: Consult physician. Do not force fluids.

SECTION V - Fire-fighting Measures.

The product is not considered to be a fire hazard. The information below are given for extinguishing a fire generated by other sources.

Suitable extinguishing media: Water spray, foam, carbon dioxide, dry chemical.
Forbidden extinguishing media: Not determined.
Special fire-fighting measures: None. Wear self contained breathing apparatus.
Unusual fire and explosion hazards: Product decomposes with heat. In fire, do not stream extinguishing media; action may intensify fire.
Special protection equipment: Self Contained Breathing Apparatus if toxic fumes are generated.

SECTION VI - Accidental Release Measures

Personal precautions: Wear protective gloves, clean body-covering clothing and safety goggles.
Environmental precautions: Dispose in accordance with local, state or federal regulations.
Reclaiming methods: Absorb with sand or or vermiculite.

SECTION VII - Handling and Storage

Handling: Avoid unnecessary exposure.
Storage: Store in original tightly closed container at room temperature. Protect from light.
Containers: Supplied by manufacturer.
Incompatibilities: Strong oxidizing or reducing agents, acids and bases.
Other precautions: Use according to directions. Avoid contact with eyes, skin, inhalation and ingestion.

SECTION VIII - Exposure Controls / Personal Protection

General measures:	Local Exhaust Ventilation: Good general ventilation should be sufficient to control airborne levels of vapors below the LTV.
Limits:	TWA: Not determined; TLV: Not determined.
Respiratory protection:	Avoid prolonged or excessive breathing of vapors.
Eye protection:	Safety glasses or goggles.
Skin protection:	Respect good personal hygiene practice. Avoid unnecessary exposure.
Hands protection:	Impervious gloves.
Other equipment:	Lab coat.

SECTION IX - Physical and Chemical Properties

Appearance:	Semi-opaque gel	Specific Gravity (H ₂ O=1)	1.12 at 25°C
Color:	Strawberry red, Mint green, Cherry red and Bubblegum pink	pH (5% in water):	6.57
		Explosion limits:	Not determined
		Boiling point:	>250°C
Odor:	Strawberry, Mint, Cherry and Bubblegum	Flash point	Not determined
		Vapor Pressure:	Negligible
Evaporation rate (Butyl Acetate=1):	Not determined	Water solubility:	Soluble

SECTION X - Stability and Reactivity

Stability:	Stable if stored as directed.
Conditions to avoid:	Extreme moisture, heat, light, aging and contamination.
Materials to avoid:	Reducing and oxidizing agents, acids and bases.
Hazardous decomposition products:	Product can release CO ₂ , O ₂ . Nitrogen Oxide and Sulfur Dioxide.
Hazardous polymerization:	Will not occur.

SECTION XI - Toxicological Information

Based on Benzocaine:	
Acute toxicity:	LD50(oral, rat) = 15.21 g/Kg
Further toxicological information:	Irritating to skin, eyes and respiratory tract.
Further data:	May cause sensitization by skin contact.

SECTION XII - Ecological Information

There is no specific information on the product. Use according to good working practice.
Avoid releasing the product into environment.

SECTION XIII - Disposal Considerations

Disposal must be in accordance with applicable Federal, State/Province and Local regulations.

SECTION XIV - Transport Information

Not dangerous cargo.

SECTION XV - Regulatory Information

CLASSIFICATION IN ACCORDANCE WITH EEC DIRECTIVES.

Hazard Classification Symbol:	Xi	Irritant
	R38	Irritating to skin.
	R43	May cause sensitization by skin contact.
	S7,8,15,23,24,25,26,27,28,29,35,40,45,61 and 62.	
Ingredients determining the label:	Benzocaine	

SECTION XVI - Other Information

None.

CAUTION: PRODUCT FOR PROFESSIONAL USE ONLY.

The above information is based on presently available data and to our best knowledge for handling the product under normal conditions. Any use of this product in any way not indicated on this document or using it together with any other process/procedure will be exclusively under the user's responsibility.