

# MATERIAL SAFETY DATA SHEET

**NIVO** dental

## Section 1 – Identification of the Substance/Preparation and of the Company/Undertaking

**Product Name:** NIVO Caine  
**Chemical Name:** Benzocaine gel  
**Family:** Topical anesthetic  
**Product Use:** Dental  
**Product #:** NCC, NCM, NCP, NCS, NCB

**Manufacturer: Nivo Industries Inc.**  
3110 Main Street Building C  
Santa Monica CA 90405

**Information Contacts:**  
**Email:** [info@nivodental.com](mailto:info@nivodental.com)  
**Phone Number:** 424-214-0792

## Section 2 - Hazards Identification

### EMERGENCY OVERVIEW

This information is based on findings from related or similar materials.

- ☒ May cause eye irritation.
- ☒ May cause allergic skin reaction.

## Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry

Eye Avoid eye contact. Contact will cause irritation.  
Skin Avoid skin contact. Prolonged exposure may cause irritation.  
Ingestion May cause slight anesthetizing effect and throat irritation.  
Inhalation May cause irritation or a feeling of chest tightness.

Sub-Chronic Effects

NOTE: Refer to Section 11, Toxicological Information for Details

## Section 3 - Composition/Information on Ingredients

Chemical Identity	CAS Numbers	EINECS#	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSH A	%
Benzocaine	94-09-7	202-303-5	N/E	N/E	Not Listed	20
Polyethylene glycol	25322-68-3	500-038-2	N/E	N/E	Not Listed	65–80
Sodium Saccharin	128-44-9	204-886-1	N/E	N/E	Not Listed	0–5
Flavoring*	Various	Various	N/E	N/E	Not Listed	0–5
Coloring*	Various	Various	N/E	N/E	Not Listed	0–5

\* Please see section 16 for specific ingredients


N/E = None  
Established

**Benzocaine:** Hazard Symbol: Xi Risk Phrases: R36/37/38, R43 Safety Phrases: N/E

## Section 4 - First Aid Measures

First Aid for Eye Flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persists.  
First Aid for Skin Wash with soap and water. Get medical help if discomfort persists.  
First Aid for Inhalation Remove to fresh air. Get medical help if discomfort persists.  
First Aid for Ingestion If normal dose is swallowed, seek medical attention as soon as possible.

## Section 5 - Fire Fighting Measures

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
>300  F	LEL: N/A UEL: N/A	N/A

### Method:

Extinguishing Media: Carbon dioxide, dry chemical foam, water can be used to cool fire exposed containers.  
 Fire Fighting Instructions: Evacuate all personnel and use protective equipment, including self-contained breathing apparatus  
 Unusual Hazards: When heated to decomposition, it emits highly toxic nitrous oxide.

## Section 6 - Accidental Release Measures

For small spills, wipe up material with a chemical-resistant or damp rag; wash rag with copious water after use. Flush away any remaining traces with water.

Spill or Release Procedures - For large spills, keep personnel away from area. Remove ignition sources and ventilate the area. Dike large spills and remove to salvage tanks or sealed containers. Prevent washings from entering all waterways. Disposal should be carried out in compliance with federal, state and local regulations regarding health, air and water pollution. Contact authorities in the event of a large spill.

## Section 7 - Handling and Storage

Handling Avoid contact.  
 Storage Keep container closed and away from heat, sparks, and open flame. Keep in a cool, well-ventilated area.  
 Explosion Hazard None

## Section 8 - Exposure Controls / Personal Protection

Engineering Controls General Exhaust is adequate under normal operating conditions.

### Personal Protective Equipment

General  
 Eye/ Face Protection Suggested if eye contact is possible  
 Skin Protection Wear gloves when handling  
 Respiratory Protection Only if dusting is possible.

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## Section 9 - Physical and Chemical Properties

Appearance		Odor & Odor Threshold		pH	Specific Gravity (H <sub>2</sub> O = 1)	Viscosity	% Volatile
Gel, Color dependant on flavor		Dependant on flavor		6	1.09/ 25/°C	165,000 centipoise	0
Boiling Point/ Freezing Point	Decompositio n  Temperature	Octanol/Water  Partitioning Coefficient Log Po/w	Vapor  Pressure (mm Hg):	Vapor  Density (AIR = 1)	Evaporation  Rate (Butyl Acetate = 1)	Ignition	Solubility  In Water
			Negligible				Insoluble
Flash Point (°F/°C)		Flammable Limit (vol%)			Auto-ignition Temperature (vol%)		
> 300 °F		LEL – UEL –			N/A		

## Section 10 - Stability and Reactivity

<b>Stability:</b> Stable	<b>Incompatibility (Materials to Avoid):</b> Nitrates, strong oxidizers, strong acids.
<b>Hazardous Decomposition Products:</b> Highly toxic nitrous oxide, carbon monoxide, carbon dioxide	<b>Hazardous Polymerization:</b> Will not occur
<b>Conditions to Avoid:</b> Heat, incompatible substances	

## Section 11 - Toxicological Information

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - skin	Irritation - Eye
Benzocaine: Rabbit—oral LC50 1150 mg/kg			See sections 2 & 4	See sections 2 & 4
Sensitization		Mutagenicity	Sub-chronic Toxicity	

## Section 12 - Ecological Information

### Ecotoxicological Information

Acute Toxicity To Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentratio n	Toxicity to Sewage Bacteria
Benzocaine: Fish 15M EC50 7.3 mg/L	N/ DA	N/ DA	N/ DA	N/ DA

### Chemical Fate Information

Biodegradability	Biodegradable
Chemical Oxygen Demand	N/ DA

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## Section 13 - Disposal Considerations

Dispose in accordance with all regional, national, or local requirements.

## Section 14 - Transport Information

<b>DOT (49 CFR 172)</b>	
Proper Shipping Name:	Non-Regulated Material
Identification Number:	N/A
Marine Pollutant:	No
Special Provisions:	None
<b>Emergency Response Guidebook (ERG) #:</b>	<b>N/A</b>
<b>IATA (DGR):</b>	
Proper Shipping Name:	Non-Regulated Material
Class or Division:	N/A
UN or ID Number:	N/A
Packaging Instructions:	None
<b>Emergency Response Guidance (ICAO)#:</b>	<b>N/A</b>
<b>IMO (IMDG):</b>	
Proper Shipping Name:	Non-Regulated Material
Class or Division:	N/A
UN or ID Number:	N/A
Special Provisions & Stowage/Segregation:	None
<b>Emergency Schedule (EmS)#:</b>	<b>N/A</b>

## Section 15 - Regulatory Information

### US Federal Regulations

Clean Air Act: HAP/ODS	<input checked="" type="checkbox"/> This product contains the following hazardous air pollutants (HAP), as defined by the U. S. Clean Air Act: NONE This product contains no ODS's
Clean Water Act: Priority Pollutant	This product contains no chemicals listed under the U. S. Clean Water Act Priority Pollutant List.
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and / or other applications as an indirect food additive.
Occupational Safety and Health Act	This product is not considered a hazardous chemical under the OSHA Hazard Communication Standard.
RCRA	This product is not considered to be a hazardous waste under RCRA (40 CFR 261).
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances that carry a TPQ.
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 304 as extremely hazardous chemical for emergency release notification ("CERCLA" List).
SARA Title III: Section 311-312:	This product does not contain hazardous substances under the OSHA Hazard Communication Standard, and is not regulated under Section 311-312 (40 CFR 370).
SARA Title III: Section 313:	This product contains no chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.
TSCA Section 8(b): Inventory: TSCA Significant New Use Rule:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements. None of the chemicals listed have a SNUR under TSCA.

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## State Regulations


CA Right-to-Know Law: California No Significant Risk Rule:	NONE NONE
MA Right-to-Know Law:	NONE
NJ Right-to-Know Law:	NONE
PA Right-to-Know Law:	NONE
FL Right-to-Know Law:	NONE
MN Right-to-Know Law	NONE

## International Regulations

CDSL: Canadian Inventory (On Canadian Transitional List)	
EINECS: European Inventory:	<input checked="" type="checkbox"/> HAZARD SYMBOLS: <b>Xi: Irritant</b> <input checked="" type="checkbox"/> RISK PHRASES: <b>R36/37/38: Irritating to eyes, respiratory system, and skin</b> <b>R43: May cause sensitization by skin contact</b> <input checked="" type="checkbox"/> SAFETY PHRASES: <b>None</b>

## Section 16 - Other Information

### Hazard Rating System (Pictograms)

<div><div><b>NFPA</b></div></div>	<div><div><b>HMIS</b></div><table><tr><td>Health Hazard</td><td>1</td></tr><tr><td>Fire Hazard</td><td>1</td></tr><tr><td>Reactivity</td><td>0</td></tr></table></div>	Health Hazard	1	Fire Hazard	1	Reactivity	0
Health Hazard	1						
Fire Hazard	1						
Reactivity	0						

Prepared By:	Kris Sanchez
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## MAY CONTAIN THE FOLLOWING CHEMICALS:

Chemical Identity	CAS Numbers	EINECS#	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSH A	%
FD & C blue #1 lake	15792-67-3	239-897-0	N/E	N/E	Not Listed	0-5
FD & C green #3	2353-45-9	219-091-5	N/E	N/E	Not Listed	0-5
FD & C red #3	16423-68-0	240-474-8	N/E	N/E	Not Listed	0-5
FD & C red #40 lake	68583-95-9	271-524-7	N/E	N/E	Not Listed	0-5
FD & C yellow #5 lake	12225-21-7	235-428-9	N/E	N/E	Not Listed	0-5
FD & C yellow #6 lake	15790-07-5	239-888-1	N/E	N/E	Not Listed	0-5
Bubble gum flavor	N/A	N/A	N/A	N/A	N/A	0-5
Cherry flavor	N/A	N/A	N/A	N/A	N/A	0-5
Grape flavor	N/A	N/A	N/A	N/A	N/A	0-5
Mango flavor	N/A	N/A	N/A	N/A	N/A	0-5
Peppermint flavor	N/A	N/A	N/A	N/A	N/A	0-5
Piña colada flavor	N/A	N/A	N/A	N/A	N/A	0-5
Strawberry flavor	N/A	N/A	N/A	N/A	N/A	0-5

N/E = None  
Established

N/A = Not available

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