

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

<b>Product Name:</b>	MARK3 20% Benzocaine Gel	<b>Manufacturer:</b>	Cargus International, Inc. 135 North Route 9W Congers, New York 10920
<b>Chemical Name:</b>	Benzocaine gel		
<b>Family:</b>	Topical anesthetic		
<b>Product Use:</b>	Dental	<b>Information Contacts:</b>	(845) 267-2600
<b>Product #:</b>	Various	<b>Emergency Phone Numbers:</b>	US & Canada: (845) 267-2600

**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/OSHA	%
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	Flammable Limit	Auto-ignition Temperature
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**Safety Data Sheet**

**MARK3 20% BENZOCAINE GEL**

(°F/°C)	(vol%)	(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.

**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	Decomposition 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
<b>Flash Point (°F/°C)</b>		<b>Flammable Limit (vol%)</b>			<b>Auto-ignition Temperature (vol%)</b>		
> 300 °F		LEL – UEL –			N/A		



**Section 10 - Stability and Reactivity**

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

**Section 12 - Ecological Information**

**Ecotoxicological Information**

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

**Chemical Fate Information**

<b>Biodegradability</b>	Biodegradable
<b>Chemical Oxygen Demand</b>	N/ DA

**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

## Safety Data Sheet

## MARK3 20% BENZOCAINE GEL

UN or ID Number:	N/A
Special Provisions & Stowage/Segregation:	None
Emergency Schedule (EmS)#:	N/A

### Section 15 - Regulatory Information

#### US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP), as defined by the U. S. Clean Air Act: <ul style="list-style-type: none"> <li>• NONE</li> </ul> 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:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.
TSCA Significant New Use Rule:	None of the chemicals listed have a SNUR under TSCA.

#### State Regulations

CA Right-to-Know Law:	NONE
California No Significant Risk Rule:	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

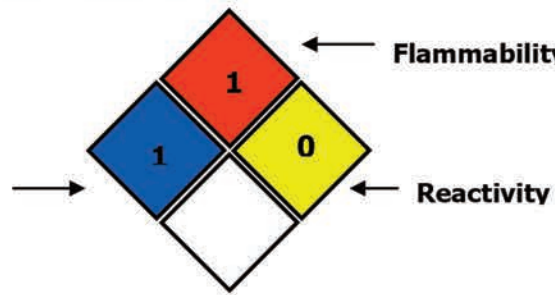
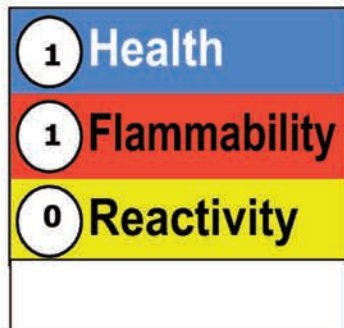
#### International Regulations

CDSL: Canadian Inventory (On Canadian Transitional List)	
EINECS: European Inventory:	<ul style="list-style-type: none"> <li>• HAZARD SYMBOLS: <b>Xi</b>: <i>Irritant</i></li> <li>• RISK PHRASES: <b>R36/37/38</b>: <i>Irritating to eyes, respiratory system, and skin</i> <b>R43</b>: <i>May cause sensitization by skin contact</i></li> <li>• SAFETY PHRASES: <i>None</i></li> </ul>



**Section 16 - Other Information**

**Hazard Rating System (Pictograms)**

<b>NFPA:</b>		<b>HMIS:</b>	
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Prepared By:	Gavin Gabai
Revision History:	04/30/2015 Revision B

**MAY CONTAIN THE FOLLOWING CHEMICALS:**

Chemical Identity	CAS Numbers	EINECS#	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
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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