

## MATERIAL SAFETY DATA SHEET

CETYLITE INDUSTRIES, INC.  
P.O. Box 90006  
Pennsauken, NJ 08110-0700  
Phone: 856-665-6111

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### Hazard Rating (NFPA 704)

Health	1	0=Least
Fire	2	1=Slight
Reactivity	1	2=Moderate
Special	none	3=High
		4=Extreme

### SECTION 1 - IDENTIFICATION

**PRODUCT NAME: CETACAINE SPRAY TOPICAL ANESTHETIC (Item # 0201)**

MAIN HAZARDOUS CHEMICAL INGREDIENTS	OSHA PEL	ACGIH TLV	CAS No.
Mixture of propellants (Proprietary)	none	1000 ppm	N/A
Dipropylene glycol	none	none	025265-71-8
Benzocaine (ethyl-p-aminobenzoate)	none	none	94-09-7
Butamben (butyl-p-aminobenzoate)	none	none	94-25-7
Tetracaine Hydrochloride	none	none	136-47-0

Note: Substances listed as hazardous ingredients are those identified as being present at a concentration of 1% or greater, or 0.1% if the substance is classified and listed as a potential carcinogen by OSHA Hazard Communication Standard.

### SECTION 2 - PHYSICAL DATA

BOILING POINT:	Not determined.
VAPOR PRESSURE:	Not determined.
VAPOR DENSITY (air=1):	Not determined.
SPECIFIC GRAVITY (H <sub>2</sub> O=1):	Not determined.
SOLUBILITY IN WATER:	Not determined.
MELTING POINT:	N/A
EVAPORATION RATE:	Not determined.
APPEARANCE AND ODOR:	Aerosol; light yellow; banana, ethereal odor.

Note: Mixture in container is under pressure and it was not tested as a whole.

### SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	Not determined.
FLAMMABLE LIMITS:	LFL-not determined UFL-not determined.
EXTINGUISHING MEDIA:	Water fog, alcohol foam, CO <sub>2</sub> , dry chemical.
FIRE AND EXPLOSION HAZARDS:	Could be flammable. Containers could rupture under fire conditions. May produce hazardous combustion by-products.

**FIRE FIGHTING EQUIPMENT:** Keep container cool with water spray. Do not put out the fire unless leak can be stopped immediately. Self-contained breathing apparatus is required if containers rupture and contents are released under fire conditions.

**NOTE:** Do not puncture container. Do not expose to heat or store at temperatures above 120°F.

#### **SECTION 4 - REACTIVITY DATA**

**STABILITY:** (conditions to avoid) Stable under normal storage conditions. Avoid open flames and high temperatures.

**INCOMPATIBILITY:** (specific materials to avoid) Alkali or alkaline earth metals. Oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** May emit organic compounds, carbon monoxide, aldehydes, acid fumes, nitrogen oxides.

**HAZARDOUS POLYMERIZATION:** Will not occur.

#### **SECTION 5 - ENVIRONMENTAL AND DISPOSAL INFORMATION**

**ACTION TO TAKE FOR SPILLS/LEAKS:** Ventilate area. Shut off ignition sources. If large release, or respiratory discomfort and irritation occurs, use a self-contained breathing apparatus.

**DISPOSAL METHOD:** Remove to permitted waste disposal facility.

#### **SECTION 6 - HEALTH HAZARD DATA (Symptoms of Overexposure)**

**EYE:** Could be irritating. Will anesthetize mucous membranes and may act as an allergen.

**SKIN CONTACT:** Topical anesthetic. Possible skin irritant and allergen. The propellant may cause frostbite.

**INGESTION:** Topical anesthetic. May induce CNS depression, drowsiness, cardiac sensitization and possible respiratory depression.

**INHALATION:** Topical anesthetic. Possible irritant and allergen. May induce CNS depression, cardiac sensitization and anesthetic effects.

**SYSTEMIC AND OTHER EFFECTS:** Anesthetic and cardiac sensitizer. Tetracaine hydrochloride may cause sensitization and allergic reaction. Saccharin was classified as sufficient evidence of carcinogenicity in experimental animals. Based on the IARC Working Group report (IARC S.7, 1987), there is no adequate evidence of carcinogenicity in humans.

#### **SECTION 7 - FIRST AID**

**EYES:** Irrigate immediately with water for at least 15 minutes. Call a physician.

**SKIN:** Wash off with soap and water. Call a physician if irritation or allergic reaction is present.

**INGESTION:** Consult a physician.

**INHALATION:** Remove to fresh air if effects occur. If breathing is difficult give oxygen and call a physician.

**NOTE TO PHYSICIAN:** Because of possible disturbances of cardiac rhythm, catecholamine drugs such as epinephrine, should be used with special caution only in situations of emergency life support.

## SECTION 8 – HANDLING PRECAUTIONS

EXPOSURE GUIDELINE(S): 1000 ppm for propellant. (8-hour TWA)

VENTILATION: Good general ventilation should be sufficient for most conditions.

RESPIRATORY PROTECTION: If large release, or respiratory discomfort and irritation occurs, use a self-contained breathing apparatus.

SKIN PROTECTION: Use PVC gloves when prolonged or repeated contact could occur. Wash contaminated clothing before reuse.

EYE PROTECTION: Use safety glasses with side shields.

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry, place away from incompatible materials. Do not heat above 125°F. Keep area well ventilated. Practice common sense to avoid repeated skin contact and eye exposure. Do not permit eating, drinking or smoking near material.

## SECTION 9 – ADDITIONAL INFORMATION

EPA-EPCRA - Section 313 (Listed Chemicals):

This product contains the following chemical(s) subject to the reporting requirements:

CAS# (N.A.)- Mixture of propellants - 49% (of the total).

Saccharin Insoluble (CAS No. 81-07-2) is contained on the following chemical lists:

1. RCRA Hazardous Substances
2. RCRA Land Disposal Prohibitions: scheduled third wastes
3. CERCLA Hazardous Substances, RQ = 100 lbs.
4. IARC Human Carcinogens; Group 1, 2A, or 2B
5. DOT Hazardous Substances
6. State of California Proposition 65 Substances: Known Carcinogens
7. State of California Proposition 65 Substances: No significant risk levels for Carcinogens/ acceptable intake levels for reproductive toxins
8. Massachusetts substance list
9. New Jersey RTK Hazardous Substance List
10. Pennsylvania Hazardous Substance List
11. TSCA Inventory List
12. Canadian Domestic Substance List

### DISCLAIMER:

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