

## MATERIAL SAFETY DATA SHEET

**CETYLITE® INDUSTRIES, INC.**

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**Hazard Rating (NFPA 704)**

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

**SECTION 1 - IDENTIFICATION****PRODUCT NAME: CETACAINE® TOPICAL ANESTHETIC-LIQUID**

MAIN HAZARDOUS CHEMICAL INGREDIENTS	PERCENT (%)	OSHA PEL	ACGIH TLV	CAS NO.
Dipropylene glycol	78	none	none	025265-71-8
Benzocaine (ethyl-p-aminobenzoate)	14	none	none	94-09-7
Butamben (butyl-p-aminobenzoate)	2	none	none	94-25-7
Tetracaine hydrochloride	2	none	none	136-47-0
Synical (saccharin insoluble)	1.4	none	none	81-07-2

**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**

<b>BOILING POINT:</b>	Approx. 450° F
<b>VAPOR PRESSURE:</b>	Approx. 0.02 mm Hg at 25° C
<b>VAPOR DENSITY (air=1):</b>	4.63
<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1):</b>	Approx. 1.05 at 25° C
<b>SOLUBILITY IN WATER:</b>	Not determined.
<b>MELTING POINT:</b>	N/A
<b>EVAPORATION RATE:</b>	Not determined.
<b>APPEARANCE AND ODOR:</b>	Liquid; light yellow; banana, ethereal odor.

**Note:** Mixture not tested as a whole.

**SECTION 3 - FIRE AND EXPLOSION HAZARD DATA**

<b>FLASH POINT:</b>	Approx. 250° F
<b>FLAMMABLE LIMITS:</b>	LFL-not determined UFL-not determined.
<b>EXTINGUISHING MEDIA:</b>	Water fog, alcohol foam, CO <sub>2</sub> , dry chemical.
<b>FIRE AND EXPLOSION HAZARDS:</b>	May produce hazardous combustion by-products.
<b>FIRE FIGHTING EQUIPMENT:</b>	Wear positive-pressure, self-contained breathing apparatus.

#### SECTION 4 - REACTIVITY DATA

**STABILITY:** (conditions to avoid) Stable under normal storage conditions.

**INCOMPATIBILITY:** (specific materials to avoid) Oxidizing agents.

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

**HAZARDOUS POLYMERIZATION:** Will not occur.

#### SECTION 5 - ENVIRONMENTAL AND DISPOSAL INFORMATION

**ACTION TO TAKE FOR SPILLS/LEAKS:** Isolate area. Contain large spills. Small amounts can be absorbed and shoveled into drums.

**DISPOSAL METHOD:** Do not dump into any drain, sewer, body of water or ground. Remove to permitted waste disposal facility or approved incinerator in compliance with local, state, and federal laws and regulations.

#### 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.

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

**INHALATION:** Vapors unlikely due to physical properties.

**SYSTEMIC AND OTHER EFFECTS:** Anesthetic. Tetracaine hydrochloride may cause sensitization and allergic reaction. Saccharin was classified as having limited evidence of carcinogenicity in animals and overall inadequate evidence of carcinogenicity. Based on the IARC classification in Group 3, it cannot be classified as carcinogen to 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. Get medical attention 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. Call a physician.

## SECTION 8 - HANDLING PRECAUTIONS

**EXPOSURE GUIDELINE(S):** none established

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

**RESPIRATORY PROTECTION:** If respiratory discomfort and irritation occurs, use an approved air-purifying respirator.

**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.

## SECTION 9 - ADDITIONAL INFORMATION

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

### **EPA-EPCRA - Section 313 (Listed Chemicals):**

This product contains the following chemical(s) subject to the reporting requirements: none

Saccharin Insoluble(CAS NO. 81-07-2) is contained on the following 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, 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

**REFERENCES** - MSDS's for:

Dipropylene Glycol - 2003  
Benzocaine - 2003  
Butamben - 2003  
Tetracaine Hydrochloride - 2000  
Syncal - 2003

**DISCLAIMER:**

The information herein given was derived solely from the Main Hazardous Chemical Ingredients MSDS's on file at the time of this MSDS preparation. The information is given in good faith but no warranty, express or implied to the accuracy, completeness or adequacy of the information contained in this MSDS is made. We assume no warranties of fitness or liability from the use of this product. Since the conditions for use, handling, storage and disposal of this product are beyond Cetylite control, users should make their own investigations to determine the suitability of the information for their particular purposes. Users assume liability for damage, or expense arising out of product's improper use. Various Federal, State, or Provincial agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.