

**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

<b>1.1 Trade Name (as labeled):</b>	<b>Protexin® Oral Rinse Concentrate</b>
Synonyms:	N/A
CAS No:	Mixture
<b>1.2 Product Use:</b>	Breath freshening rinse.
<b>1.3 Company Name:</b>	<b>Cetylite</b>
Company Address:	9051 River Road
Company Address Cont:	Pennsauken, NJ 08110
Business Phone:	(800) 257-7740 or (856) 665-6111
Website:	<a href="http://www.cetylite.com">www.cetylite.com</a>
<b>1.4 Emergency Telephone Number:</b>	(800) 257-7740
Date of Current Revision:	July 27, 2016
Date of Last Revision:	September 12, 2014

**SECTION 2 - HAZARD IDENTIFICATION**

**EMERGENCY OVERVIEW:** This product is a green liquid with a menthol-peppermint odor. May cause eye irritation. Maybe harmful if swallowed. Inhalation of vapors can cause drowsiness or dizziness. Irritating to eyes, skin and respiratory system.

This product is a flammable liquid with a flash point >60°F (>15.5°C)

The Environmental effects of this product have not been investigated. Release of this product is not anticipated to have significant adverse effects in the aquatic environment.

**US DOT Symbols:****EU and GHS Symbols:**

Signal Word:

Danger!

**2.1 CLASSIFICATION OF SUBSTANCE OR MIXTURE IN ACCORDANCE WITH 29 CFR 1200 (OSHA HCS) AND THE EUROPEAN UNION DIRECTIVES:**

This product does meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200 or the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

**EU HAZARD CLASSIFICATION OF INGREDIENTS PER DIRECTIVE 1272/2008/EC:**

Index Number:

**EC# 200-578-6** This substance is classified in the Annex VI of Directive 67/548/EEC Index # 603-002-00-5**EC# 231-791-2** This substance is not classified in the Annex VI of Directive 67/548/EEC**CAS# 4005-65-6** This substance is not classified in the Annex VI of Directive 67/548/EEC**EC# 204-886-1** This substance is not classified in the Annex VI of Directive 67/548/EEC

Proprietary Peppermint Oil is not listed in Annex VI

Proprietary Cinnamon Flavor is not listed in Annex VI

**EC# 218-690-9** This substance is not classified in the Annex VI of Directive 67/548/EEC

Substances not listed either individually or in group entries must be self classified.

**Components Contributing to Classification:** Denatured Alcohol, Polyoxyethylene Sorbitan Monoleate, Sodium Saccharin, Peppermint Oil, Artificial Cinnamon Flavor, Laevo Menthol**2.2 Label Elements:****GHS Hazard Classifications:**

Flammable Liquid Category 2

Eye Irritant Category 2B

STOT SE Category 3

**Hazard Statements:**

H225: Highly Flammable liquid and vapor

H320: Causes eye irritation

H336: May cause dizziness and drowsiness

**Cetylite****Protexin® Oral Rinse Concentrate****Prevention Statements:**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P233: Keep container tightly closed.  
 P240 Ground/Bond container and receiving equipment.  
 P241 Use explosion-proof electrical/ventilating/lighting equipment.  
 P242 Use only non-sparking tools.  
 P243 Take precautionary measures against static discharge.  
 P261: Avoid breathing mist/vapors/spray  
 P264: Wash hands thoroughly after handling  
 P271: Use only outdoors or in a well-ventilated area.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection

**Response Statements:**

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P370+P378: In case of fire use water, foam, dry chemical, carbon dioxide or halon to extinguish.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Storage Statements:**

P312: Call a POISON CENTER/doctor if you feel unwell.  
 P337+P313: If eye irritation persists: Get medical advice/attention.  
 P403+P233+P235: Store in well-ventilated place. Keep container tightly closed. Keep cool.  
 P405: Store locked up.

**Disposal Statements:**

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Health Hazards or Risks From Exposure:****Symptoms of Overexposure by Route of Exposure:**

The most significant routes of overexposure for this product are by contact with skin or eyes. The symptoms of overexposure are described in the following paragraphs.

**Acute:**

Inhalation: May cause respiratory irritation if inhaled.  
 Skin Contact: May cause irritation to skin.  
 Eye Contact: Vapours and direct contact to the eyes may be irritating.  
 Ingestion: May be harmful if swallowed.

**Chronic:** None known

**Target Organs:**

Acute: Skin, Eyes  
 Chronic: None known

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous Ingredients:	WT%	CAS No.	EINECS No.	Hazard Classification
Denatured Alcohol	<3%	64-17-5	200-578-6	Flammable Liquid Cat 2
Di Water	20 - 30%	7732-18-5	231-791-2	Not Classified
Polyoxyethylene Sorbitan Monoleate	20 – 30%	4005-65-6	Not Listed in ESIS	Eye Irrit Cat 2, Skin Irrit Cat 2, STOT SE 3
Sodium Saccharin	1 – 10%	128-44-9	204-886-1	Eye Irrit Cat 2
Peppermint Oil	1 – 5%	Proprietary	Not Listed in ESIS	Eye Irrit Cat 2
Artificial Cinnamon Flavor	1 – 5%	Proprietary	Not Listed in ESIS	Eye Irrit Cat 2
Laevo Menthol	1 – 5%	2216-51-5	218-690-9	Eye Irrit Cat 2

Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

**Note:** All WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard JIS Z 7250:2000

**SECTION 4 - FIRST AID MEASURES****4.1 Description of First Aid Measures:****Eye Contact:**

If product enters the eyes, flush with plenty of water or eye wash solution for several minutes. Remove contacts if present and easy to do. Seek medical attention if irritation persists.

**Skin Contact:**

Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.

**Inhalation:**

If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

**Ingestion:**

If product is swallowed, call physician or poison center immediately. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

**Medical Conditions Generally Aggravated by Exposure:**

Pre-existing skin or eye problems may be aggravated by prolonged contact.

**4.2 Symptoms and Effects Both Acute and Delayed:**

Exposure to skin or eyes may cause irritation.

**4.3 Recommendations to Physicians:**

Treat symptoms and eliminate overexposure.

**SECTION 5 - FIRE FIGHTING MEASURES****5.1 Fire Extinguishing Materials:**

Use the following fire extinguishing materials:

**Water Spray:** Yes **Carbon Dioxide:** Yes  
**Foam:** Yes **Dry Chemical:** Yes  
**Halon:** Yes **Other:** Any "C" Class

**5.2 Unusual Fire and Explosion Hazards:**

Flammable concentrations of vapor can accumulate above flash point of >60°F (>15.5°C).

Explosive Sensitivity to Mechanical Impact:

No

Explosive Sensitivity to Static Discharge:

Yes

- Incipient fire responders should wear eye protection.
- Structural firefighters must wear Self-Contained Breathing Apparatus (SCBA) and full protective equipment.
- Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray.
- If possible, prevent run-off water from entering storm drains, bodies of water, or other environmentally sensitive areas.

**5.3 Special Fire-Fighting Procedures:**

NFPA RATING SYSTEM		HMIS RATING SYSTEM									
<p>Flammability</p> <p>Health 1      Reactivity 0</p> <p>Other -</p>		<p>HAZARDOUS MATERIAL IDENTIFICATION SYSTEM</p> <table border="1"> <tr> <td>HEALTH HAZARD (BLUE)</td> <td>1</td> </tr> <tr> <td>FLAMMABILITY HAZARD (RED)</td> <td>3</td> </tr> <tr> <td>PHYSICAL HAZARD (YELLOW)</td> <td>0</td> </tr> </table>		HEALTH HAZARD (BLUE)	1	FLAMMABILITY HAZARD (RED)	3	PHYSICAL HAZARD (YELLOW)	0		
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<p><b>PROTECTIVE EQUIPMENT</b></p> <table border="1"> <thead> <tr> <th>EYES</th> <th>RESPIRATORY</th> <th>HANDS</th> <th>BODY</th> </tr> </thead> <tbody> <tr> <td></td> <td>See Sect 8</td> <td></td> <td>See Sect 8</td> </tr> </tbody> </table> <p>For Routine Industrial Use and Handling Applications</p>				EYES	RESPIRATORY	HANDS	BODY		See Sect 8		See Sect 8
EYES	RESPIRATORY	HANDS	BODY								
	See Sect 8		See Sect 8								
<p>Hazard Scale: 0 = Minimum 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic Hazard</p>											

## SECTION 6 - ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Use cautious judgment when cleaning up spill. Wear suitable protective clothing, gloves, and eye/face protection.

### 6.2 Environmental Precautions:

Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

### 6.3 Spill and Leak Response:

#### Small Spills:

- Collect material via broom or mop. Place in tightly sealed container for proper disposal. Approach spill areas with caution.
- If liquid was introduced, create a dike or trench to contain material. Soak up with absorbent material such as clay, sand or other suitable non-reactive material.
- Place in leak-proof containers. Seal tightly for proper disposal.
- Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations).

#### Large Spills:

## SECTION 7 - HANDLING AND STORAGE

### 7.1 Precautions for Safe Handling:

To prevent eye contact under the foreseeable conditions of use, wear appropriate safety eyewear. When handling, do not eat, drink, or smoke. Wash thoroughly after handling. Do not handle or store near heat, sparks, or flame.

### 7.2 Storage and Handling Practices:

Keep away from incompatible materials. Keep container closed when not in use and store in well ventilated area.

### 7.3 Specific Uses:

Breath freshening rinse.

## SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

### 8.1 Exposure Parameters:

Ingredients	CAS No.	OSHA PEL	NIOSH PEL
Denatured Alcohol	64-17-5	1000 ppm	1000 ppm
Di Water	7732-18-5	Not Listed	Not Listed

**Cetylite****Protexin® Oral Rinse Concentrate**

Polyoxyethylene Sorbitan Monoleate	4005-65-6	Not Listed	Not Listed
Sodium Saccharin	128-44-9	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>
Peppermint Oil	Proprietary	Not Listed	Not Listed
Artificial Cinnamon Flavor	Proprietary	Not Listed	Not Listed

**8.2 Exposure Controls:****Ventilation and Engineering Controls:**

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132), or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

**Respiratory Protection:**

Not required for properly ventilated areas. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

**Eye Protection:**

Safety glasses or goggles are recommended. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

**Hand Protection:**

Chemical resistant gloves are recommended to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

**Body Protection:**

Use body protect appropriate to task being performed. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on Basic Physical and Chemical Properties:**

**Appearance (Physical State and Color):** Green liquid

**Odor:** Menthol-peppermint odor

**Odor Threshold:** No data available

**pH:** No data available

**Melting/Freezing Point:** No data available

**Boiling Point:** No data available

**Flash Point:** >60°F (>15.5°C)

**Evaporation Rate:** No data available

**Flammability (Solid; Gas):** No data available

**Upper/Lower Flammability or Explosion Limits:** No data available

**Vapor Pressure (mm Hg @ 20°C (68° F):** No data available

**Vapor Density:** No data available

**Relative Density:** No data available

**Specific Gravity:** No data available

**Solubility in Water:** Soluble

**Weight per Gallon:** No data available

**Partition Coefficient (n-octanol/water):** No data available

**Auto-Ignition Temperature:** No data available

**Decomposition Temperature:** No data available

**Viscosity:** No data available

**9.2 Other Information:**

No data available

**SECTION 10 - STABILITY AND REACTIVITY**

<b>10.1 Reactivity:</b>	This product is not reactive.
<b>10.2 Stability:</b>	Stable under conditions of normal storage and use.
<b>10.3 Possibility of Hazardous Reactions:</b>	Not identified.
<b>10.4 Conditions to Avoid:</b>	Excessive temperatures above flash point.
<b>10.5 Incompatible Substances:</b>	None known
<b>10.6 Hazardous Decomposition Products:</b>	When heated to decomposition this product may contain carbon monoxide; carbon dioxide; and nitrogen and sulfur oxides.

**SECTION 11 - TOXICOLOGICAL INFORMATION****11.1 Information on Toxicological Effects:****Toxicity Data:**

Denatured Alcohol	64-17-5	LD50 Oral – Rat	7060 mg/kg
Sodium Saccharin	128-44-9	LD50 Oral – Rat	14,200 mg/kg

**Suspected Cancer Agent:**

One or more of the ingredients are found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore is considered to be, nor suspected to be a cancer-causing agent by these agencies.

IARC: Denatured Alcohol CAS# 64-17-5 Group I  
Sodium Saccharin CAS# 128-44-9 Group 3

**Irritancy:**

This product is expected to be an eye irritant.

**Sensitization to the Product:**

This product is not expected to cause skin sensitization.

**Germ Cell Mutagenicity:**

This product does not contain ingredients that are suspected to be a germ cell mutagenic.

**Reproductive Toxicity:**

This product is not expected to be a human reproductive toxicant.

**SECTION 12 - ECOLOGICAL INFORMATION**

<b>12.1 Toxicity:</b>	No specific data available on this product.
<b>12.2 Persistence and Degradability:</b>	No specific data available on this product.
<b>12.3 Bioaccumulative Potential:</b>	No specific data available on this product.
<b>12.4 Mobility in Soil:</b>	No specific data available on this product.
<b>12.5 Results of PBT and vPvB Assessment:</b>	No specific data available on this product.
<b>12.6 Other Adverse Effects:</b>	No data available.
<b>12.7 Water Endangerment Class:</b>	At present, there are no ecotoxicological assessments for this product.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

<b>13.1 Waste Treatment Methods:</b>	Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Australia, EU Member States and Japan.
<b>13.2 EU Waste Code:</b>	Not determined

**SECTION 14 - TRANSPORTATION INFORMATION****14.1 U.S. Department of Transportation (DOT) Shipping Regulations:**

*This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.*

<b>UN Identification Number:</b>	UN1170
<b>Proper Shipping Name:</b>	Ethyl Alcohol Solution.
<b>Hazard Class Number and Description:</b>	Class 3 Flammable Liquid
<b>Packing Group:</b>	II
<b>DOT Label(s) Required:</b>	Flammable Liquid
<b>North American Emergency Response Guidebook Number:</b>	128

**14.2 Environmental Hazards:****Marine Pollutant:**

The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

None

**14.3 Special Precaution for User:****14.4 International Air Transport Association Shipping****Information (IATA):**

This product is considered as dangerous goods.

**14.5 International Maritime Organization Shipping****Information (IMO):**

This product is considered as dangerous goods.

**SECTION 15 - REGULATORY INFORMATION****15.1 Safety, Health and Environmental Regulations Specific for the Substance or Mixture:****United States Regulations:****U.S. SARA Reporting Requirements:**

The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

**U.S. SARA 311/312:**

Acute Health: Yes; Chronic Health: No; Fire: Yes; Reactivity: No

**U.S. SARA 313:** None known**U.S. CERCLA Reportable Quantity:**

None known

**U.S. TSCA Inventory Status:**

The components of this product are listed on the TSCA Inventory or are exempted from listing.

**Other U.S. Federal Regulations:**

None known

**California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):** This

product does not contain ingredients on the Proposition 65 Lists.

**15.2 Canadian Regulations:****Canadian DSL/NDSL Inventory Status:**

Components are DSL Listed, NDSL Listed and/or are exempt from listing

**Other Canadian Regulations:**

Not applicable

**Canadian Environmental Protection Act (CEPA) Priorities Substances Lists:**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

**Canadian WHMIS Classification and Symbols:**

Classified per WHMIS 2015 Controlled Product Regulations.

**15.3 European Economic Community Information:**

This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives. See Section 2 for Details.

**Chemical Safety Assessment:**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**15.4 Australian Information for Product:**

Components of this product are listed on the International Chemical Inventory list.

**15.5 Japanese Information for Product:**

Japanese Minister of International Trade and Industry (MITI) Status: The components of this product are not listed as Class I specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

**15.6 International Chemical Inventories:**

Listing of the components on individual country Chemical Inventories is as follows:

Australian Inventory of Chemical Substances (AICS): Listed

Korean Existing Chemicals List (ECL): Listed

Japanese Existing National Inventory of Chemical Substances (ENCS): Listed

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed

U.S. TSCA: Listed

**SECTION 16 - ADDITIONAL INFORMATION**

Prepared By: Chris Eigbrett (MSDS to GHS Compliance)  
Date of Printing: July 27, 2016

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. Cetylite assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Cetylite assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

**END OF SDS SHEET**