

**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: **Protexin® Breath Freshening Spray**  
 CHEMICAL NAME: Mixture  
 U.N. NUMBER: NA1993  
 U.N. DANGEROUS GOODS CLASS: See Section 14 for Details  
 SUPPLIER/MANUFACTURER'S NAME: **Cetylite Industries, Inc.**  
 ADDRESS: 9051 River Road, Pennsauken, NJ 08110 USA  
**EMERGENCY PHONE:** (800) 257-7740  
 BUSINESS PHONE: (800) 257-7740 or (856) 665-6111  
 FAX NUMBER: (856) 665-5408  
 DATE OF PREPARATION: September 12, 2014  
 DATE OF LAST REVISION: November 11, 2011

**SECTION 2 - HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:** This product is a clear liquid with a mint 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 combustible liquid with a flash point >144°F (>62°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

CANADA (WHMIS) SYMBOLS

EUROPEAN and (GHS) Hazard Symbols

See Section 14 For  
DetailsSignal Word: **Warning!****EU LABELING AND CLASSIFICATION:**

Classification of the substance or mixture according to Regulation (EC) No1272/2008 Annex 1

EC# 231-791-2 This substance are not classified in the Annex I of Directive 67/548/EEC

EC# 200-338-0 This substance are not classified in the Annex I of Directive 67/548/EEC

EC# 200-578-6 Annex I Index# 603-002-00-5

EC# 204-886-1 This substance are not classified in the Annex I of Directive 67/548/EEC

Proprietary Peppermint Oil is not listed in Annex I

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

**Component(s) Contributing to Classification(s)**

Denatured Alcohol

**GHS Hazard Classification(s):**

Combustible Liquid Category 4

Eye Irritant Category 2B

**Hazard Statement(s):**

H227: Combustible liquid

H320: Causes eye irritation

**Precautionary Statement(s):**

P261: Avoid breathing mist/vapors/spray

P264: Wash hands thoroughly after handling

**EU HAZARD CLASSIFICATION PER DIRECTIVE 1999/45/EC:**

[F] Flammable, [Xi] Irritant

**Risk Phrases:**

R10: Flammable liquid

R36: Irritating to eyes

**Safety Phrases:**

S16: Keep away from sources of ignition – No Smoking

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**HEALTH HAZARDS OR RISKS FROM EXPOSURE:**

**Protexin® Breath Freshening Spray**

**SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE:** The most significant routes of overexposure for this product are by contact with skin or eyes, ingestion or inhalation. The symptoms of overexposure are described in the following paragraphs.

**INHALATION:** Inhalation of may cause irritation of mucous membranes.

**CONTACT WITH SKIN or EYES:** Contact with skin may cause skin irritation with local redness. Eye contact may result in eye irritation.

**INGESTION:** Ingestion of a large quantity of this product may result in nausea and vomiting.

**CHRONIC:** None known

**TARGET ORGANS:** **Acute:** Skin, eyes, respiratory tract      **Chronic:** None Known

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

HAZARDOUS INGREDIENTS:	CAS #	EINECS #	ICSC #	WT %	HAZARD CLASSIFICATION; RISK PHRASES
Purified Water	7732-18-5	231-791-2	Not Listed	70 - 75%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Propylene Glycol	57-55-6	200-338-0	0321	20 – 25%	HAZARD CLASSIFICATION: [Xi] Irritant RISK PHRASES: R36
Denatured Alcohol	64-17-5	200-578-6	0044	1 – 5%	HAZARD CLASSIFICATION: [F] Flammable RISK PHRASES: R11
Sodium Saccharin	128-44-9	204-886-1	Not Listed	1 – 5%	HAZARD CLASSIFICATION: [Xi] Irritant RISK PHRASES: R36
Peppermint Oil	Proprietary	Not Listed in ESIS	Not Listed	<1%	HAZARD CLASSIFICATION: [Xi] Irritant RISK PHRASES: R36
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 MSDS contains all the information required by the CPR, EU Directives, Latin America, South America and the Japanese Industrial Standard *JIS Z 7250: 2000*.

**SECTION 4 - FIRST-AID MEASURES**

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label and MSDS to health professional with contaminated individual.

**EYE CONTACT:** If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Remove contact lenses if present. Seek medical attention if irritation or blurred vision occurs.

**SKIN CONTACT:** Wash skin thoroughly after handling. Seek medical attention if irritation develops or persists. Remove contaminated clothing. Launder before re-use.

**INHALATION:** If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing difficulty continues.

**INGESTION:** If product is swallowed, call physician or poison control center for most current information. 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 MSDS with the victim to the health professional.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Pre-existing skin, eye or respiratory problems may be aggravated by prolonged exposure to this product.

**RECOMMENDATIONS TO PHYSICIANS:** Treat symptoms and reduce over-exposure.

**SECTION 5 - FIRE-FIGHTING MEASURES**

**FLASH POINT:** >144°F (>62°C)  
**AUTOIGNITION TEMPERATURE:** Not Established  
**FLAMMABLE LIMITS (in air by volume, %):** Lower (LEL): Not Established      Upper (UEL): Not Established  
**FIRE EXTINGUISHING MATERIALS:** Dry chemical, foam, carbon dioxide or water fog.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Combustible liquid above flash point listed above.

**Protexin® Breath Freshening Spray**

Explosion Sensitivity to Mechanical Impact:

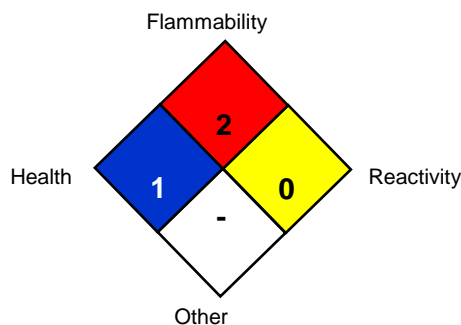
No

Explosion Sensitivity to Static Discharge:

No

**SPECIAL FIRE-FIGHTING PROCEDURES:**

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus 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 runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

**NFPA RATING SYSTEM****HMIS RATING SYSTEM**

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)	1		
FLAMMABILITY HAZARD (RED)	2		
PHYSICAL HAZARD (YELLOW)	0		
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**SPILL AND LEAK RESPONSE:** Personnel should be trained for spill response operations.

**SPILLS:** Contain spill if safe to do so. Eliminate all sources of ignition. Always wear proper PPE. Prevent entry into drains, sewers, and other waterways. Soak up with an absorbent material and place in an appropriate closed container for disposal. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

**SECTION 7 - HANDLING and STORAGE**

**WORK PRACTICES AND HYGIENE PRACTICES:** As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing vapors/mists/sprays generated by this product. Use in a well-ventilated location. Remove contaminated clothing immediately.

**STORAGE AND HANDLING PRACTICES:** Containers of this product must be properly labeled. Store containers in a cool, dry location away from heat and sources of ignition. Keep container tightly closed when not in use. Store away from incompatible materials.

**SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION****EXPOSURE LIMITS/GUIDELINES:**

Chemical Name	CAS#	ACGIH TWA	OSHA TWA
Purified Water	7732-18-5	Not Listed	Not Listed
Propylene Glycol	57-55-6	Not Listed	Not Listed
Denatured Alcohol	64-17-5	1000 ppm	1000 ppm
Sodium Saccharin	128-44-9	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>
Peppermint Oil	Proprietary	Not Listed	Not Listed



competent authority in each country for the most recent limits in place.

**VENTILATION AND ENGINEERING CONTROLS:** Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below. Use local exhaust ventilation to control airborne mist/vapor/dust. Ensure eyewash/safety shower stations are available near areas where this product is used.

*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 equivalent standard of Canada, 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.*

**RESPIRATORY PROTECTION:** 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:** Not normally required with this product. Splash goggles or safety glasses with side shields recommended where splashing is possible. 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:** Not normally required with this product. Compatible chemical resistant gloves recommended for prolonged contact to prevent skin contact. Wash hands after removing gloves. 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:** Not normally required with this product. Use body protection appropriate to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

## SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

<b>PHYSICAL STATE:</b>	Liquid
<b>APPEARANCE &amp; ODOR:</b>	This product is a clear liquid with a mint odor.
<b>ODOR THRESHOLD (PPM):</b>	Not Available
<b>VAPOR PRESSURE (mmHg):</b>	Not Available
<b>VAPOR DENSITY (AIR=1):</b>	Not Available
<b>EVAPORATION RATE (nBuAc = 1):</b>	Not Available
<b>BOILING POINT (C°):</b>	Not Available
<b>FREEZING POINT (C°):</b>	Not Available
<b>pH:</b>	Not Available
<b>SPECIFIC GRAVITY 25°C: (WATER =1)</b>	Not Available
<b>SOLUBILITY IN WATER (%)</b>	Soluble
<b>VOC:</b>	Not Available
<b>REFRACTIVE INDEX:</b>	Not Available

## SECTION 10 - STABILITY and REACTIVITY

**STABILITY:** Product is stable

**DECOMPOSITION PRODUCTS:** When heated to decomposition this product may contain carbon monoxide and carbon dioxide.

**MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:** Oxidizing agents

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Excessive temperatures above flash point.

## SECTION 11 - TOXICOLOGICAL INFORMATION

**TOXICITY DATA:** Toxicity data not available for mixture:

CAS# 64-17-5: Denatured Alcohol

Acute Oral LD50: 7060 mg/kg

CAS# 128-44-9

Acute Oral LD50: 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 OF PRODUCT:** Contact with this product can be irritating to exposed skin, eyes and respiratory system.

**SENSITIZATION OF PRODUCT:** This product contains ingredients that are not considered a skin and respiratory sensitizer.

**REPRODUCTIVE TOXICITY INFORMATION:** Excessive consumption of Alcohol during pregnancy can cause fetal alcohol syndrome.

## SECTION 12 - ECOLOGICAL INFORMATION

**ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.**

**ENVIRONMENTAL STABILITY:** No Data available at this time.

**EFFECT OF MATERIAL ON PLANTS or ANIMALS:** No Data available at this time.

**EFFECT OF CHEMICAL ON AQUATIC LIFE:** No Data available at this time.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**PREPARING WASTES FOR DISPOSAL:** Waste disposal must be in accordance with appropriate Federal, State, and local regulations, those of Canada, EU Member States and Japan.

## SECTION 14 - TRANSPORTATION INFORMATION

**US DOT; IATA; IMO; ADR:**

**THIS PRODUCT IS HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.**

**NOTE:** The requirements of 49 CFR Subchapter C do not apply to any material classed as a combustible liquid in a non-bulk packaging (49 CFR 173.150 (f)(2)). Bulk packaging means packaging other than vessel or barge that has a maximum capacity greater than 450 L (119 gal) for liquid (49 CFR 171.8).

**BULK SHIPMENTS OVER 119 GALLONS:**

**PROPER SHIPPING NAME:** Flammable Liquid, n.o.s. (Contains Denatured Alcohol)

**HAZARD CLASS NUMBER and DESCRIPTION:** Class 3 Flammable Liquid

**UN IDENTIFICATION NUMBER:** NA1993

**PACKING GROUP:** PGIII

**DOT LABEL(S) REQUIRED:** Flammable Liquid Class 3

**NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004):** 128

**MARINE POLLUTANT:** None of the ingredients are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

**TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:**

This product is classified as Dangerous Goods, per regulations of Transport Canada.

**INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):**

This product is not classified as Dangerous Goods, by rules of IATA:

**INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:**

This product is not classified as Dangerous Goods by the International Maritime Organization.

**EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):**

This product is classified by the United Nations Economic Commission for Europe to be dangerous goods.

## SECTION 15 - REGULATORY INFORMATION

**UNITED STATES REGULATIONS**

**SARA REPORTING REQUIREMENTS:** This product is subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act., as follows: None

**TSCA:** All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

**SARA 311/312:**

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



**Protexin® Breath Freshening Spray**

**U.S. SARA THRESHOLD PLANNING QUANTITY:** There are no specific Threshold Planning Quantities for this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

**U.S. CERCLA REPORTABLE QUANTITY (RQ):** None

**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):** This product does contain ingredient(s) that are on the California Proposition 65 list.

**WARNING!** This product contains an ingredient that is known to the State of California to cause cancer or reproductive harm.

**CANADIAN REGULATIONS:**

**CANADIAN DSL/NDL INVENTORY STATUS:**All of the components of this product are on the DSL Inventory

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:** No component of this product is on the CEPA First Priorities Substance Lists.

**CANADIAN WHMIS CLASSIFICATION and SYMBOLS:** This product is categorized as a Class B Division 3 Combustible Liquid and Class D Division 2B materials causing other toxic effects, as per the Controlled Product Regulations

**EUROPEAN ECONOMIC COMMUNITY INFORMATION:****EU LABELING AND CLASSIFICATION:**

Classification of the mixture according to Regulation (EC) No1272/2008. See section 2 for details.

**AUSTRALIAN INFORMATION FOR PRODUCT:**

**AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS:** All components of this product are listed on the AICS.

**STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS:** Not applicable.

**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.

**INTERNATIONAL CHEMICAL INVENTORIES:**

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

Asia-Pac:	Listed
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
Swiss Giftlist List of Toxic Substances:	Listed
U.S. TSCA:	Listed

**SECTION 16 - OTHER INFORMATION**

**PREPARED BY:** Paul Eigbrett

GHS MSDS Compliance PLUS  
[www.ghsmtdscomplianceplus.com](http://www.ghsmtdscomplianceplus.com)

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