

## Preempt Sporicidal Liquid

### SECTION 1. IDENTIFICATION

**Product Identifier** Preempt Sporicidal Liquid  
**Recommended Use** Disinfectant cleaner  
**Manufacturer** Virox Technologies Inc., 2770 Coventry Rd., Oakville, ON, L6H 6R1, 905-813-0110  
**Emergency Phone No.** Virox Technologies Inc., 1-800-387-7578  
**SDS No.** 000546

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Acute toxicity (Oral) - Category 5  
 Acute toxicity (Inhalation) - Not Classified  
 Skin corrosion/irritation - Not Classified  
 Serious eye damage/eye irritation - Category 2A

#### GHS Label Elements



#### Signal Word:

Warning

#### Hazard Statement(s):

Causes serious eye irritation. May be harmful if swallowed. May be harmful if inhaled.

#### Precautionary Statement(s):

Prevention: Wash hands thoroughly after handling. Wear eye protection/face protection.  
 Response: See section 8 for Individual Protective Measures. IF IN EYES: See section 4 First Aid Measures for Eye Contact. Call a POISON CENTRE/doctor if you feel unwell.  
 Storage: See Section 7 for Handling and Storage information.  
 Disposal: See Section 13 for Waste Disposal information.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Hydrogen peroxide	7722-84-1	4.5	

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

No specific first aid measures are required.

##### Skin Contact

Obtain medical attention if irritation develops or persists.

##### Eye Contact

Flush with cool water. Remove contact lenses, if applicable, and continue washing.

Obtain medical attention if irritation develops or persists.

##### Ingestion

Have affected person rinse mouth with water. NEVER give anything by mouth if affected person is rapidly losing consciousness, or is unconscious or convulsing. Do NOT induce vomiting. Call a Poison Centre or doctor if affected person feels unwell.

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## Most Important Symptoms and Effects, Acute and Delayed

If in eyes: may cause moderate to severe irritation.

## Immediate Medical Attention and Special Treatment

### Target Organs

Not applicable.

### Special Instructions

Not applicable.

### Medical Conditions Aggravated by Exposure

None known.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

#### Unsuitable Extinguishing Media

None known.

### Specific Hazards Arising from the Chemical

Decomposition releases oxygen which may intensify fire.

### Special Protective Equipment and Precautions for Fire-fighters

Fire fighters should wear a self-contained breathing apparatus.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

Review federal, provincial and local government requirements prior to disposal.

### Methods and Materials for Containment and Cleaning Up

Before attempting clean-up, refer to hazard data. Small spills or leaks (< 5 gallons): can be flushed into sewage system in accordance with local regulations. Large spills or leaks (> 5 gallons): prevent material from entering sewers, waterways or confined spaces. Absorb with an inert material and put spilled material in appropriate waste disposal. Place used absorbent into suitable, covered, labelled containers for disposal. Contact emergency services and supplier for advice.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Use good industrial hygiene practices in handling this material. Avoid contact with eyes, skin and clothing. Prevent accidental contact with incompatible materials. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

### Conditions for Safe Storage

Keep container tightly closed in a dry and well-ventilated place. Store in an area that is: out of direct sunlight and away from heat and ignition sources. Avoid storage at elevated temperatures. KEEP OUT OF REACH OF CHILDREN.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guideline

Chemical Name	ACGIH		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Hydrogen Peroxide	1 ppm		1 ppm			

### Appropriate Engineering Controls

General ventilation is usually adequate.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles.

#### Skin Protection

No special requirements under normal use conditions.

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## Respiratory Protection

Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear colourless liquid.
Odour	Not available
Odour Threshold	Not available
pH	2.4 - 3.0
Melting Point/Freezing Point	Not available (freezing)
Initial Boiling Point/Range	96 °C (205°F)
Flash Point	> 93.3 °C
Evaporation Rate	~ 0.32 (estimated)
Vapour Pressure	3.135 kPa (23.513 mm Hg) at 25 °C
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.030 - 1.035
Solubility	Soluble in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Other Information	
Physical State	Liquid
VOC (% as)	Not available

## SECTION 10. STABILITY AND REACTIVITY

### Chemical Stability

Stable under recommended storage conditions.

### Conditions to Avoid

Do not mix with chlorinated products.

### Incompatible Materials

Bases, Reducing agents. Oxidizing agents, acids.

### Hazardous Decomposition Products

Decomposition releases oxygen which may intensify fire.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

LC50 (Inhalation) estimated to be > 20mg/L

LD50 (Oral) estimated to be > 2000mg/kg

LD50 (Dermal) estimated to be > 5000 mg/kg

### Skin Corrosion/Irritation

Not classified under GHS criteria.

### Serious Eye Damage/Irritation

Causes serious eye irritation.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

Not a normal route of exposure.

#### Ingestion

May be harmful if swallowed. If large amounts are swallowed may cause irritation of the mouth, throat and stomach.

### Respiratory and/or Skin Sensitization

Not a skin sensitizer. Not a respiratory sensitizer.

### Carcinogenicity

Non-hazardous by GHS criteria.

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## Reproductive Toxicity

### Development of Offspring

Not classified under GHS criteria.

### Sexual Function and Fertility

Not classified under GHS criteria.

### Effects on or via Lactation

Not classified under GHS criteria.

## Germ Cell Mutagenicity

Not classified under GHS criteria.

## Interactive Effects

None known.

## SECTION 12. ECOLOGICAL INFORMATION

This section is not required by WHIMIS.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Review federal, provincial and local government requirements prior to disposal.

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.

**Environmental** Not applicable

### Hazards

**Special Precautions** Not applicable

### Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

#### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL or are not required to be listed.

#### USA

#### Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

## SECTION 16. OTHER INFORMATION

**HMIS Rating** Health - 2 Flammability - 0 Physical Hazard - 0

**SDS Prepared By** Virox Technologies Inc.

**Phone No.** (800) 387-7578

**Date of Preparation** May 20, 2016

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