



## PREempt HLD5

### SECTION 1. IDENTIFICATION

**Product Identifier** PREempt HLD5  
**Recommended Use** Sterilant and High Level Disinfectant  
**Manufacturer/Supplier** 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.** 001039

### SECTION 2. HAZARDS IDENTIFICATION

**GHS Classification:** Acute toxicity (Oral) - Category 5; Serious eye damage/eye irritation - Category 2B

**GHS Label Elements**

**Signal Word:** Warning

**Hazard Pictogram:** None

**Hazard Statement(s):** May be harmful if swallowed. Causes eye irritation.

**Precautionary Statement(s):**

**Prevention:** Wash hands and skin thoroughly after handling. Wear eye protection/face protection.

**Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Storage:** See Section 7 for Handling and Storage information.

**Disposal:** See Section 13 for Waste Disposal information.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Pure substance/Mixture:** Mixture

Chemical Name	CAS No.	Concentration %	Other Identifiers
Hydrogen peroxide	7722-84-1	2	

### SECTION 4. FIRST-AID MEASURES

**First-aid Measures**

**Inhalation**

Not a normal route of exposure.

**Skin Contact**

No specific First Aid measures are required.

**Eye Contact**

Flush with cool water for 10-15 min. Remove contact lenses, if applicable, once flushing has begun. Get medical attention immediately after flushing.

**Ingestion**

Have victim rinse mouth with water. Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. Immediately call a Poison Centre or doctor.

### SECTION 5. FIRE-FIGHTING MEASURES

**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**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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## 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

Before attempting clean-up, refer to hazard data. Review federal, provincial and local government requirements prior to disposal. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

### Methods and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Use water rinse for final cleanup.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Handle in accordance with good industrial hygiene and safety practice avoid contact with eyes, skin and clothing. Do not ingest. Prevent accidental contact with incompatible chemicals. 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. Avoid storage at elevated temperatures. KEEP OUT OF REACH OF CHILDREN.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

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 normally adequate.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles.

#### Skin Protection

Natural or butyl rubber, nitrile or neoprene gloves

#### Respiratory Protection

Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear yellow liquid.
Odour	Not available
Odour Threshold	Not available
pH	2.3 - 2.8
Melting Point/Freezing Point	Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	Not available
Evaporation Rate	Not available
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.028 - 1.032 at 25 °C
Solubility	Soluble in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Other Information	
Physical State	Liquid
Viscosity	Water thin

% VOC

0%\*

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Productions, Sections 94508.

## SECTION 10. STABILITY AND REACTIVITY

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

### Conditions to Avoid

Do not mix with chlorinated products. Do not mix with any other cleaning or disinfecting product.

### Incompatible Materials

Acids, Bases, Oxidising agents, Reducing agents.

### Hazardous Decomposition Products

Decomposition releases oxygen which may intensify fire.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Eye contact; skin contact; inhalation; ingestion.

### Acute Toxicity

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

### Skin Corrosion/Irritation

Not classified under GHS criteria.

### Serious Eye Damage/Irritation

Causes eye irritation.

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

#### Inhalation

Not classified under GHS criteria.

#### Skin Absorption

Not classified under GHS criteria.

#### Ingestion

Not classified under GHS criteria.

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

Not classified under GHS criteria

### Respiratory and/or Skin Sensitization

Not classified under GHS criteria

### Carcinogenicity

Not classified under GHS criteria

### Reproductive Toxicity

#### Development of Offspring

Not classified under GHS criteria

#### Sexual Function and Fertility

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 OSHA.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

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

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## SECTION 14. TRANSPORT INFORMATION

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

**Special Precautions for User** Not applicable

**Other Information** Not regulated under IMO/IMDG.

## 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/NDSL.

**Additional Canadian Regulatory Lists**

WHMIS Exempt: License No. 103056

## SECTION 16. OTHER INFORMATION

**NFPA Rating** Health - 1 Flammability - 0 Instability - 0

**SDS Prepared By** Virox Technologies Inc.

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

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