

## Peroxigard Concentrate (Undiluted) (CAN)

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Peroxigard Concentrate (Undiluted) (CAN)
<b>Recommended Use</b>	Concentrated hard surface cleaner and disinfectant.
<b>Manufacturer</b>	Virox Technologies Inc., 2770 Coventry Rd., Oakville, ON, L6H 6R1, 905-813-0110
<b>Emergency Phone No.</b>	Virox Technologies Inc., 1-800-387-7578
<b>SDS No.</b>	003157

### SECTION 2. HAZARD IDENTIFICATION

#### GHS Classification

Acute Toxicity (Oral) - Category 5; Serious eye damage/eye irritation - Category 1

#### GHS Label Elements



#### Signal Word:

Danger

#### Hazard Statement(s):

Causes serious eye damage. May be harmful if swallowed

#### 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. Immediately call a POISON CENTRE or doctor.

**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	7	
Benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5	5 - 10	

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Not a normal route of exposure.

##### Skin Contact

Remove contaminated clothing and thoroughly flush affected areas with lukewarm water. Obtain medical attention if irritation develops or persists.

##### 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

Rinse mouth with water. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. Call a poison centre or doctor if you feel unwell or are concerned.

## 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 Product

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.

## 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

Prevent large spills from entering sewers or waterways.

### Methods and Materials for Containment and Cleaning Up

Large spills or leaks: (greater than 5 gallons) 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 practices. Avoid contact with eyes, skin and clothing. Do not ingest. 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. Avoid storage at elevated temperatures. KEEP OUT OF REACH OF CHILDREN.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Hydrogen peroxide	1 ppm		1 ppm			
Benzenesulfonic acid, C10-16-alkyl derivs.	Not established		Not established			

### Appropriate Engineering Controls

No specific ventilation requirements.

### Individual Protection Measures

#### Eye/Face Protection

Safety goggles or glasses.

#### Skin Protection

Wear appropriate chemical resistant 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 colourless liquid.

#### Odour

Odourless

#### Odour Threshold

Not available

#### pH

~0.7

#### Melting Point/Freezing Point

Not available (melting); Not available (freezing)

#### Initial Boiling Point/Range

Not available

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<b>Flash Point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/Lower Flammability or Explosive Limit</b>	Not available (upper); Not available (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	1.032 - 1.042
<b>Solubility</b>	Soluble in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available

### Other Information

<b>Elemental Phosphorous</b>	0.1% by weight
<b>Dilution pH (1:40)</b>	2.2 - 2.4

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive.

### Chemical Stability

This product is stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

Prolonged exposure to high temperatures.

### Incompatible Materials

Oxidizing agents, bases, reducing agents. Ferrous materials such as galvanized iron and heavy metals. Do not mix with any other cleaning or disinfecting products.

### Hazardous Decomposition Products

Decomposition releases oxygen, which may intensify fire.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Skin contact; eye contact; ingestion; inhalation.

### Acute Toxicity

LC50 (Inhalation): >2 mg/L

LD50 (Oral): >2000 mg/kg

LD50 (Dermal): >2000 mg/kg

### Skin Corrosion/Irritation

May be mildly irritating to skin.

### Serious Eye Damage/Irritation

Causes serious eye damage.

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

#### Inhalation

Not classified under GHS criteria.

#### Skin Absorption

Not classified under GHS criteria.

**Ingestion**

Like any product not designed to be ingested, this product may cause stomach distress if ingested in large quantities.

**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.

**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 WHMIS.

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal Methods**

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

RCRA Hazard Class: D002

**SECTION 14. TRANSPORT INFORMATION**

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

**Special Precautions** 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: DIN 02470918

**USA****Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are listed on the TSCA Inventory.

**SECTION 16. OTHER INFORMATION**

**HMIS Rating** Health - 3 Flammability - 0 Physical Hazard - 0

**SDS Prepared By** Virox Technologies Inc.

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

**Date of Preparation** February 28, 2019

**Additional Information** For an updated SDS, please contact the supplier/manufacturer listed on the first page of this document Information contained herein with was obtained from sources considered technically accurate and reliable. While every efforts have been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual

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product use are beyond control of the supplier, it is assumed that users of the material have been fully trained according to the requirement of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and manufacturer/supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document. The contents of this document have been prepared in accordance with the Canadian Hazardous Products Regulations (WHMIS 2015).

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