

## Peroxigard One-Step Disinfectant Cleaner & Deodorizer Concentrate for Use in Life Sciences (CAN)

### SECTION 1. IDENTIFICATION

**Product Identifier** Peroxigard One-Step Disinfectant Cleaner & Deodorizer Concentrate for Use in Life Sciences(CAN)  
**Recommended Use** Concentrated hard surface cleaner and disinfectant.  
**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.** 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. 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

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.

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## 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 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 and away from heat and ignition sources. 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

General ventilation normally adequate.

### 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.

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## 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
Flash Point	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.032 - 1.042
Solubility	Soluble in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available
<b>Other Information</b>	
Elemental Phosphorous	0.1% by weight

## 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

Causes mild skin irritation.

### 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.

## **SECTION 14. TRANSPORT INFORMATION**

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

**Special Precautions** Not applicable

**for User**

**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.

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

**Date of Preparation** February 28, 2019

**Date of Last Revision** June 07, 2021

**Additional Information** For an updated SDS, please contact the supplier/manufacturer listed on the first page of this document. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual 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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## Peroxigard One-Step Disinfectant Cleaner & Deodorizer Concentrate for Use in Life Sciences Use Solution (1:40 and Higher) (CAN)

### SECTION 1. IDENTIFICATION

**Product Identifier** Peroxigard One-Step Disinfectant Cleaner & Deodorizer Concentrate for Use in Life Sciences Use Solution (1:40 and Higher)(CAN)

**Recommended Use** Hard Surface cleaner and disinfectant.

**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.** 003157D

### SECTION 2. HAZARD IDENTIFICATION

#### GHS Classification

Not classified under any hazard class.

#### GHS Label Elements

**Signal Word:** None

**Hazard Pictogram:** None.

**Hazard Statement(s):** None.

#### Precautionary Statement(s)

**Prevention:** Wash hands thoroughly after handling. See section 8 for Individual Protective Measures information.

**Response:** IF IN EYES: Get medical attention if symptoms appear. See section 4 First Aid Measures for Eye

**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	0.1 - 0.2	

The product contains no substances which at their given concentration are considered to be hazardous to health.

Active ingredient listed above.

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

No specific first aid measures are required.

##### Skin Contact

No specific first aid measures are required.

##### Eye Contact

Flush with cool water. Remove contact lenses, if applicable, and continue washing. Obtain medical attention if irritation develops or persists.

##### Ingestion

No specific first aid measures are required.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing Media

##### Suitable Extinguishing Media

Not combustible. Use extinguishing agents compatible with product and suitable for surrounding fire.

##### Unsuitable Extinguishing Media

None known.

#### Specific Hazards Arising from the Chemical

None known.

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## Special Protective Equipment and Precautions for Fire-fighters

Wear self-contained breathing apparatus for fire fighting if necessary.

## 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

Use water rinse for final cleanup.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Use good industrial hygiene practices in handling this material. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

### Conditions for Safe Storage

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			

### Appropriate Engineering Controls

General ventilation is usually adequate.

### Individual Protection Measures

#### Eye/Face Protection

Not required if product is used as directed.

#### Skin Protection

Not required if product is used as directed.

#### Respiratory Protection

Not 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	2.2 - 2.4
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	> 200 °F (93 °C)
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.00 Kg/L at 20 °C
Solubility	Soluble in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available

Product Identifier: Peroxigard One-Step Disinfectant Cleaner & Deodorizer Conc. Use Solution (1:40 and Higher) (CAN)

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<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available
<b>Other Information</b>	
<b>Elemental Phosphorous</b>	0.1% by weight

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive.

### Chemical Stability

This product is stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

Do not mix with any other cleaning or disinfecting product.

### Incompatible Materials

Do not mix with concentrated bleach products.

### Hazardous Decomposition Products

Not reasonably foreseeable.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

### Acute Toxicity

LD50 (Oral): > 5000 mg/kg

LD50 (Dermal): > 5050 mg/kg

LC50 (Inhalation): > 20 mg/L

### Skin Corrosion/Irritation

Not classified under GHS criteria.

### Serious Eye Damage/Irritation

Not classified under GHS criteria.

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

#### Aspiration Hazard

Not classified under GHS criteria.

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

#### 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.

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**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**

Diluted product can be flushed to sanitary sewer in accordance with local regulations.

**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 or exempt.

**SECTION 16. OTHER INFORMATION**

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

**SDS Prepared By** Virox Technologies Inc.

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

**Date of Preparation** February 28, 2019

**Last Reviewed** June 07, 2021

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