

# RestorOx

## SECTION 1. IDENTIFICATION

Product Identifier	RestorOx
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.	003564

## SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015)

### Label Elements

**Signal Word:** None

**Hazard Pictogram(s):** None

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

### Precautionary Statement(s):

**Prevention:** Wash hands thoroughly after handling.

**Response:** IF IN EYES: Obtain medical attention if irritation develops or persists.

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

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

### Other Hazards

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

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Names
Hydrogen peroxide	7722-84-1	0.5	

### Notes

Active ingredients are 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 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 agent suitable for surrounding fire.

#### Unsuitable Extinguishing Media

None known.

### Specific Hazards Arising from the Product

None known.

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## **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 (PPE) recommended in Section 8.

### **Environmental Precautions**

Before attempting clean-up, refer to hazard data. Prevent large spills from entering surface waterways.

### **Methods and Materials for Containment and Cleaning Up**

Small spills or leaks (<5 gallons) can be flushed into sewage system in accordance with local regulations. 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**

No specific ventilation requirements.

### **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	Almond
Odour Threshold	Not available
pH	2.0 - 2.5
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	> 93 °C (200 °F)
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)	1.006 at 20 °C
Solubility	Soluble in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available

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<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	1.09 centistokes at 20 °C

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive.

### Chemical Stability

This product is stable.

### Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

### Conditions to Avoid

Prolonged exposure to high temperatures.

### Incompatible Materials

Do not mix with concentrated bleach products.

### Hazardous Decomposition Products

None known.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

### Acute Toxicity

LC50 (Inhalation): >2.08 mg/L

LD50 (Oral): >5000 mg/kg

LD50 (Dermal): >5050 mg/kg

### 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.

### 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

**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 02495961

## **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** November 18, 2019

**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 this 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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