

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

**Product Name:** Prevention High Level Disinfectant and Chemosterilant  
**Product Use:** Chemosterilant and high level disinfectant  
**WHMIS Class:** Exempt - Registered product - (DIN 02279274)  
**TDG Classification:** Not regulated as dangerous goods.  
**Manufacturer/Supplier:** Virox Technologies Inc.  
2770 Coventry Road  
Oakville, ON L6H 6R1 CA  
Phone (905) 813-0110

LEGEND HMIS		Health	*	2
Severe	4	Flammability		0
Serious	3	Physical Hazard		0
Moderate	2	Personal Protection		B
Slight	1			
Minimal	0			

## SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredient(s)</u>	<u>CAS #</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>LC50</u>	<u>Oral LD50</u>
Phosphoric acid	7664-38-2	1 - 5	1 mg/m <sup>3</sup> - TWA; 3 mg/m <sup>3</sup> - STEL	Not available	1530 mg/kg rat
Hydrogen peroxide	7722-84-1	1 - 5	1 ppm - TWA	2 mg/l/4h rat	75 mg/kg rat; 2000 mg/kg mouse

## SECTION III - PHYSICAL DATA

<b>Boiling Point:</b>	Not available	<b>Specific Gravity:</b>	1.028-1.032 @ 25°C
<b>Freezing Point:</b>	Not available	<b>Coefficient of Water/Oil Distribution:</b>	Not available
<b>Vapour Pressure:</b>	Not available	<b>% Volatile:</b>	Not available
<b>Vapour Density:</b>	Not available	<b>Evaporation Rate:</b>	Not available
<b>Solubility in Water:</b>	Complete	<b>pH:</b>	2.3 - 2.8
<b>Physical State:</b>	Liquid	<b>Viscosity:</b>	Water thin
<b>Appearance:</b>	Clear slightly yellow liquid	<b>Odour Threshold:</b>	Not available
<b>Odour:</b>	Not available		

## SECTION IV - FIRE AND EXPLOSION DATA

<b>Flammability:</b>	Not flammable by WHMIS criteria.		
<b>Flash Point:</b>	None	<b>LEL:</b> Not applicable	<b>UEL:</b> Not applicable
<b>Hazardous Combustion Products:</b>	Decomposition releases oxygen which may intensify fire.		
<b>Autoignition Temperature:</b>	Not applicable		
<b>Explosion Data:</b>			
<b>Sensitivity to Mechanical Impact:</b>	Not applicable.		
<b>Sensitivity to Static Discharge:</b>	Not applicable.		
<b>Means of Extinction:</b>	This product is not flammable. Extinguish fire using agents suitable for surrounding fire.		
<b>Special Fire Hazards:</b>	Firefighters should wear a self-contained breathing apparatus.		

## SECTION V - REACTIVITY DATA

<b>Conditions for Chemical Instability:</b>	Stable under recommended storage conditions.
<b>Incompatible Materials:</b>	Acids. Bases. Oxidizers. Reducing agents.
<b>Reactivity:</b>	Do not mix with chlorine bleach, or other cleaning and disinfecting chemicals.
<b>Hazardous Decomposition Products:</b>	Decomposition releases oxygen which may intensify fire.

## SECTION VI - TOXICOLOGICAL PROPERTIES

**Route of Entry:** Eye, Skin contact, Inhalation, Ingestion.

### EFFECTS OF ACUTE EXPOSURE:

**Eye:** Causes irritation.  
**Skin:** Substance may cause slight skin irritation.

**Inhalation:** None known.  
**Ingestion:** May be irritating to mouth, throat, stomach.

**EFFECTS OF CHRONIC EXPOSURE:**

**Skin:** Prolonged or repeated exposure can cause drying, defatting and dermatitis.  
**Irritancy:** Causes irritation.  
**Respiratory Tract Sensitization:** Non-hazardous by WHMIS criteria.  
**Carcinogenicity:** Non-hazardous by WHMIS criteria.  
**Teratogenicity:** Non-hazardous by WHMIS criteria.  
**Mutagenicity:** Non-hazardous by WHMIS criteria.  
**Reproductive Effects:** Non-hazardous by WHMIS criteria.  
**Synergistic Materials:** Not available

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**SECTION VII - PREVENTATIVE MEASURES**

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**Gloves:** Natural or butyl rubber, nitrile or neoprene gloves.  
**Eye Protection:** Safety goggles or glasses.  
**Respiratory Protection:** Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.  
**Other Protective Equipment:** As required by employer code.  
**Engineering Controls:** General ventilation normally adequate.  
**Leak and Spill Procedure:** Before attempting cleanup, refer to hazard data given above. Small spills can be flushed into sewage system in accordance with local regulations. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.  
**Waste Disposal:** Review federal, provincial, and local government requirements prior to disposal.  
**Handling Requirements:** Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.  
**Storage Requirements:** Keep out of reach of children. Store in a closed container. Avoid storage under direct sunlight. Avoid storage at elevated temperatures.

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**SECTION VIII - FIRST AID**

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**Eye:** Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention if irritation develops or persists.  
**Skin:** Flush with cool water. Wash with soap and water. Obtain medical attention if irritation develops or persists.  
**Inhalation:** Not a normal route of exposure. If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.  
**Ingestion:** Do not induce vomiting. Rinse mouth with water, then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

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**SECTION IX - PREPARATION INFORMATION**

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**Effective Date:** 15-Sept-2008

**Expiry Date:** 15-Sept-2011

**Prepared By:** Dell Tech Laboratories Ltd. (519) 858-5021

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