

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 ³ - TWA; 3 mg/m ³ - 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

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

SECTION IV - FIRE AND EXPLOSION DATA

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

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability:	Stable under recommended storage conditions.
Incompatible Materials:	Acids. Bases. Oxidizers. Reducing agents.
Reactivity:	Do not mix with chlorine bleach, or other cleaning and disinfecting chemicals.
Hazardous Decomposition Products:	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

SECTION VII - PREVENTATIVE MEASURES

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.

SECTION VIII - FIRST AID

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.

SECTION IX - PREPARATION INFORMATION

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

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