

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

**Product Name:** Rescue Sporocidal Liquid  
**Product Use:** Disinfectant Cleaner  
**WHMIS Class:** Exempt - Registered product - (DIN 02319160)  
**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>Inгредиент(s)</u>	<u>CAS #</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>LC50</u>	<u>Oral LD50</u>
Hydrogen peroxide	7722-84-1	3 - 7	1 ppm - TWA	2 mg/l/4h rat	75 mg/kg rat; 2000 mg/kg mouse

Active ingredients are listed above.

## SECTION III - PHYSICAL DATA

<b>Boiling Point:</b>	Not available	<b>Specific Gravity:</b>	1.030 - 1.035
<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>	2.4 - 3
<b>Physical State:</b>	Liquid	<b>Viscosity:</b>	Water thin
<b>Appearance:</b>	Clear colourless 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>	Not available	<b>LEL:</b>	Not available
<b>Hazardous Combustion Products:</b>	Decomposition releases oxygen which may intensify fire.		
<b>Autoignition Temperature:</b>	Not available		
<b>Explosion Data:</b>			
<b>Sensitivity to Mechanical Impact:</b>	Not available		
<b>Sensitivity to Static Discharge:</b>	Not available		
<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 chlorinated products.
<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:** Moderately irritating to the eyes.  
**Skin:** May cause mild skin irritation. Dermal LD50 estimated to be >2000 mg/kg  
**Inhalation:** Not a normal route of exposure.

**Ingestion:** Harmful if swallowed. May cause irritation to mouth, throat and stomach. Oral LD50 estimated to be >2000 mg/kg.

**EFFECTS OF CHRONIC EXPOSURE:**

**Skin:** Prolonged or repeated exposure can cause drying, defatting and dermatitis.  
**Irritancy:** Moderately irritating to eyes, may cause mild skin 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:** None known.

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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:** Not normally required if good ventilation is maintained and exposure guidelines are not exceeded.  
**Other Protective Equipment:** As required by employer code.  
**Engineering Controls:** General ventilation normally adequate.  
**Leak and Spill Procedure:** Before attempting clean up, refer to hazard data given above. Large spills, greater than 5 gallons, may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. 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. Do not get this material in your eyes or on your skin.  
**Storage Requirements:** Keep out of the reach of children. 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 immediately.  
**Skin:** Immediately flush with water. Wash with soap and water. Obtain medical attention if irritation 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. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

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**SECTION IX - PREPARATION INFORMATION**

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**Effective Date:** 15-Jan-2009

**Expiry Date:** 15-Jan-2012

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

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