



Rescue Sporidical Liquid

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Rescue Sporidical Liquid
MSDS No. 000523
Manufacturer Virox Technologies Inc., 2770 Coventry Rd., Oakville, ON, L6H 6R1, 905-813-0110
Emergency Contact Information Virox Technologies Inc., 1-800-387-7578
Use Disinfectant Cleaner

2. HAZARDS IDENTIFICATION

Emergency Overview Moderate eye irritant. Mildly irritating to skin. Harmful if swallowed.
Potential Health Effects
Route of Exposure Skin contact; eye contact; ingestion; inhalation.
Inhalation Not a normal route of exposure.
Skin Contact May cause mild irritation.
Eye Contact May cause moderate to severe irritation.
Ingestion Harmful if swallowed. May cause irritation of mouth, throat and stomach if ingested.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration %	Other Identifiers
Hydrogen peroxide	7722-84-1	4 - 5	

4. FIRST AID MEASURES

First Aid Procedures
Inhalation No specific first aid measures are required.
Skin Contact Flush with cool water.
Eye Contact Flush with cool water. Remove contact lenses, if applicable, and continue washing. Obtain medical attention if irritation develops or persists.
Ingestion Have victim rinse mouth with water. NEVER give anything by mouth if victim is rapidly losing consciousness, or unconscious or convulsing. DO NOT INDUCE VOMITING. Call a poison control centre or doctor if the victim feels unwell.

5. FIRE FIGHTING MEASURES

Flammable Properties Not flammable by WHMIS criteria.
Suitable Extinguishing Media Not combustible. Use extinguishing agent suitable for surrounding fire.
Unsuitable Extinguishing Media None known.
Specific Hazards Arising from the Chemical Decomposition releases oxygen which may intensify fire.
Protective Equipment and Precautions for Firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use the Personal Protective Equipment recommended in Section 8 of this MSDS.

MSDS Name: Rescue Sporidical Liquid
MSDS No.: 000523
Date of Preparation: June 06, 2014

Environmental Precautions Review federal, provincial and local government requirements prior to disposal.

Methods for Containment and Clean-up Before attempting clean-up, refer to hazard data. Small spills or leaks: (< 5 gallons) can be flushed into sewage system in accordance with local regulations. Large spills or leaks: (greater than 5 gallons) prevent material from entering sewers, waterways or confined spaces. Absorb with an inert material and put spilled material in appropriate waste disposal. Place used absorbent into suitable, covered, labelled containers for disposal. Contact emergency services and supplier for advice.

7. HANDLING AND STORAGE

Handling Use good industrial hygiene practices in handling this material. Avoid contact with eyes, skin and clothing. Prevent accidental contact with incompatible materials. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guideline

Chemical Name	ACGIH		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Hydrogen Peroxide	1 ppm		1 ppm			

Engineering Controls General ventilation is usually adequate.

Personal Protective Equipment (PPE)

Eye/Face Protection Wear chemical safety goggles.

Skin Protection No special requirements under normal use conditions.

Respiratory Protection Not normally required if product is used as directed.

General Hygiene Handle in accordance with good industrial hygiene and safety practice.

Considerations

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid

Appearance Clear colourless.

Odour Not available

Odour Threshold Not available

Boiling Point 96 °C (205 °F)

Freezing Point Not available

Relative Density (water = 1) 1.030 - 1.035

Solubility in Water Soluble

pH 2.4 - 3.0

Partition Coefficient, n-Octanol/Water Not available

Vapour Pressure 3.135 kPa (23.513 mm Hg) at 25 °C

Vapour Density (air = 1) Not available

Evaporation Rate ~ 0.32 (estimated)

Flash Point > 93.3 °C (199.9 °F) Will not burn. (estimated)

Auto-ignition Temperature Not available

VOC (% as) Not available

Viscosity Water thin

MSDS Name: Rescue Sporicidal Liquid
 MSDS No.: 000523
 Date of Preparation: June 06, 2014

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Do not mix with chlorinated products.
Incompatible	Bases, Reducing agents. Oxidising agents acids.
Materials	
Hazardous	Decomposition releases oxygen which may intensify fire.
Decomposition	
Products	

11. TOXICOLOGICAL INFORMATION

LC50 (Inhalation) estimated to be > 2 mg/L
LD50 (Oral) estimated to be > 2000 mg/kg
LD50 (Dermal) estimated to be > 5000 mg/kg

Effects of Short-Term (Acute) Exposure

Skin Irritation/Corrosion

Mild skin irritant.

Eye Irritation/Corrosion

Causes moderate eye irritation.

Inhalation

Not a normal route of exposure.

Skin Absorption

Non-Hazardous by WHMIS criteria.

Ingestion

Harmful if swallowed. If large amounts are ingested: may cause irritation of the mouth, throat and stomach.

Effects of Long-Term (Chronic) Exposure

Respiratory and/or Skin Sensitization

Skin Sensitization: not a skin sensitizer.

Respiratory Tract Sensitization: not a respiratory sensitizer.

Carcinogenicity

Non hazardous by WHMIS criteria.

Teratogenicity / Embryotoxicity

Non hazardous by WHMIS criteria.

Reproductive Toxicity

Non hazardous by WHMIS criteria.

Mutagenicity

Non hazardous by WHMIS criteria.

Toxicologically Synergistic Materials

None known.

12. ECOLOGICAL INFORMATION

General Comments This section is not required by WHMIS.

13. DISPOSAL CONSIDERATIONS

Review federal, provincial and local government requirements prior to disposal.

14. TRANSPORT INFORMATION

Shipping Information

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

Other Transport Information

Special Shipping Not applicable

Information

MSDS Name: Rescue Sporicidal Liquid
MSDS No.: 000523
Date of Preparation: June 06, 2014

15. REGULATORY INFORMATION

Canada

WHMIS Classification

WHMIS Exempt. DIN 02319160.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

16. OTHER INFORMATION

HMIS Rating	Health - 2	Flammability - 0	Physical Hazard - 0
MSDS Prepared By	Virox Technologies Inc.		
Phone No.	(800) 387-7578		
Date of Preparation	June 06, 2014		
Date of Expiry	June 06, 2017		
Disclaimer	For an updated MSDS please contact the supplier/manufacturer listed on the first page of this document. Information contained herein with was obtained from sources considered technically accurate and reliable. While every efforts have 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 WHMIS (Controlled Products Regulations).		

MSDS Name: Rescue Sporicidal Liquid

MSDS No.: 000523

Page 04 of 04

Date of Preparation: June 06, 2014