



RESCUE Sporidical Gel

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name RESCUE Sporidical Gel
MSDS No. 000411
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 Sporidical Gel Surface Disinfectant Cleaner

2. HAZARDS IDENTIFICATION

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

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

Active Ingredients are listed above.

4. FIRST AID MEASURES

First Aid Procedures

Inhalation Not a normal route of exposure. If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact Flush with plenty of water. Wash with soap and water. Obtain medical attention if irritation develops or persists.
Eye Contact Immediately flush with cool water for 10-15 min. Remove contact lenses, if applicable, and continue flushing. Get medical attention immediately.
Ingestion Do NOT induce vomiting. If conscious, rinse mouth with water. Give a cupful of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

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 Fire fighters should wear a self-contained breathing apparatus.

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use the Personal Protective Equipment recommended in Section 8 of this MSDS.
Environmental Precautions	Before attempting clean-up, refer to hazard data. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.
Methods for Containment and Clean-up	Large spills or leaks: (greater than 5 gallons) Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Use water rinse for final cleanup. Small spills: Flush to sanitary sewer. Rinse area thoroughly with water.

7. HANDLING AND STORAGE

Handling	Use good industrial hygiene practices in handling this material (See Section 8). Avoid contact with eyes. 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 Safety goggles or glasses.

Skin Protection Wear appropriate chemical resistant gloves.

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 gel
Appearance	Clear colourless liquid.
Odour	Not available
Odour Threshold	Not available
Boiling Point	Not available
Freezing Point	Not available
Relative Density (water = 1)	1.030 - 1.035
Solubility in Water	Soluble.
pH	2.4 - 3.0
Viscosity-Kinematic	1500 - 2500 centistokes
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Evaporation Rate	Not available
Flash Point	Not available
Lower Flammable/Explosive Limit	Not available
Upper Flammable/Explosive Limit	Not available
Auto-ignition Temperature	Not applicable
Coef. of Water/Oil Distribution:	Not available
% Volatile:	Not available

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10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Effects of Short-Term (Acute) Exposure

Ingestion (LD50): > 2000 mg/kg. Non Hazardous by WHMIS criteria.
Skin Absorption (LD50): > 2000 mg/kg. Non Hazardous by WHMIS criteria.
Inhalation (LC50): > 2 mg/L. Non-Hazardous by WHMIS criteria.

Skin Irritation / Corrosion

Mildly irritating to skin.

Eye Irritation / Corrosion

Moderately Irritating to eyes.

Effects of Long-Term (Chronic) Exposure

Skin: Prolonged or repeated exposure can cause drying, de-feathering and dermatitis.

Respiratory and/or Skin Sensitization

Non-hazardous by WHMIS criteria.

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 WHIMS.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, provincial and federal regulations. Consider pH.

14. TRANSPORT INFORMATION

Shipping Information

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

Other Transport Information

Special Shipping Information Not applicable

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15. REGULATORY INFORMATION

Canada

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

All ingredients are listed on the DSL or are not required to be listed.

Additional Canadian Regulatory Lists

WHIMS Exempt - DIN 02297345

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

Health - 2 Flammability - 0 Physical Hazard - 0

MSDS Prepared By

Virox Technologies Inc.

Phone No.

(800) 387-7578

Date of Preparation

August 15, 2013

Date of Expiry

August 15, 2016

Additional Information

For an updated MSDS 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 WHMIS Standards.

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