



Hyprox Spray

SECTION 1. IDENTIFICATION

Product Identifier Hyprox Spray
Recommended Use Hard Surface Disinfectant Cleaner.
Manufacturer Virox Technologies Inc., 2770 Coventry Rd., Oakville, ON, L6H 6R1, 905-813-0110
Supplier Toei Buhin Co., Ltd., 3-6, 6-Chome Honkomagome, Bunkyo-ku, Tokyo, Japan, 113-0021, Tel: 81-3-3946-8211, Fax - 81-3-3946-8116
Emergency Phone No. Toei Buhin Co., Ltd., 81-3-3946-8211
SDS No. 152802

SECTION 2. HAZARDS IDENTIFICATION

Physical State: Liquid
GHS Classification
Not Classified
GHS Label Elements:
Hazard Pictogram:
None
Signal Word:
None
Hazard Statement(s):
No known significant effects or critical hazards.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Hydrogen peroxide 50%	7722-84-1	0.5	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

No specific first aid measures are required.

Skin Contact

No specific first aid measures are required.

Eye Contact

Flush with cool water. Remove contact lenses, if applicable, and continue washing.

If eye irritation persists, get medical advice/attention.

Ingestion

No specific first aid measures are required.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

Product Identifier: Hyprox Spray
SDS No.: 152802
Date of Preparation: April 25, 2014

Specific Hazards Arising from the Chemical

Not applicable.

Special Protective Equipment and Precautions for Fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

Large spills (greater than 5 gallons): prevent large spills from entering surface water ways.

Methods and Materials for Containment and Cleaning Up

Diluted product can be flushed to sanitary sewer. Use water rinse for final cleanup.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Do not smoke in work areas. Do not eat, drink or store food in work areas. Avoid contact with eyes.

Conditions for Safe Storage

Protect from freezing. Avoid storage at elevated temperatures.

Keep container tightly closed in a dry and well-ventilated place. Keep out of reach of children.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate Engineering Controls

General ventilation is usually adequate.

Individual Protection Measures

Eye/Face Protection

Not required if product is used as directed.

Skin Protection

Not required if product is used as directed.

Respiratory Protection

Not required if product is used as directed.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Clear colourless.
Physical State	Liquid
Odour	Odourless
pH	1.6 - 1.9
Melting Point/Freezing Point	Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	> 93.4 °C (200.1 °F)
Evaporation Rate	Not available
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available

Product Identifier: Hyprox Spray
SDS No.: 152802
Date of Preparation: April 25, 2014

Relative Density (water = 1)	1.005
Solubility	Soluble in water
Auto-ignition Temperature	Not available
Other Information	
Elemental Phosphorous	0% P
Viscosity	water thin
% VOC	0% *
	* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Productions, Section 94508.

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability

This product is stable.

Incompatible Materials

Concentrate Chlorinated products.

Hazardous Decomposition Products

None reasonably foreseeable.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Eye contact; skin contact; inhalation; ingestion.

Skin Corrosion/Irritation

Non-irritating based on test data.

Serious Eye Damage/Irritation

Non-irritating based on test data.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

Non-hazardous by GHS criteria. LC50 estimated to be > 5 mg/L.

Skin Absorption

Non-hazardous by GHS criteria. Dermal LD50 estimated to be > 5000 mg/kg.

Ingestion

Non-hazardous by GHS criteria. Oral LD50 estimated to be > 5000 mg/kg.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

Respiratory and/or Skin Sensitization

Skin Sensitization: not a skin sensitizer.

Respiratory Tract Sensitization: not a respiratory tract sensitizer.

Carcinogenicity

Non-hazardous by GHS criteria.

Reproductive Toxicity

Development of Offspring

Non-hazardous by GHS criteria.

Sexual Function and Fertility

Non-hazardous by GHS criteria.

Germ Cell Mutagenicity

Non-hazardous by GHS criteria.

Interactive Effects

None known.

Product Identifier:	Hyprox Spray
SDS No.:	152802
Date of Preparation:	April 25, 2014

SECTION 12. ECOLOGICAL INFORMATION

LC50 (rainbow trout) @ 96hr > 1000 mg/l.
EC50 @ 48 hr (Daphnia Magna) > 100 mg/l.
Not classified under GHS.

SECTION 13. DISPOSAL CONSIDERATIONS

Diluted product can be flushed to sanitary sewer.

SECTION 14. TRANSPORT INFORMATION

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

Special Precautions for User Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

Other Information ADR, RID, ADN, IMO/IMDG: Not regulated under any of above regulations.
IATA/ICAO (Air): Not regulated under dangerous goods.

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

WHMIS Classification

Not a WHMIS controlled product.

USA

US OSHA HazCom 1994 Regulatory Status

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200 (1994)).

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

All ingredients are listed on the TSCA Inventory.

Europe

European Hazard Symbol: None (or not applicable).

European Risk phrase(s): None.

European Safety phrase(s):

S2 Keep out of reach of children.

S 3/9/49 Keep only in the original container in cool, well ventilated place.

International Inventories at CAS# Level:

All components of this product are listed on the following inventories:

U.S.A. (TSCA), Canada (DSL/NDSL), Japan (ENCS).

SECTION 16. OTHER INFORMATION

HMIS Rating	Health - 0	Flammability - 0	Physical Hazard- 0
SDS Prepared By	Virox Technologies Inc.		
Phone No.	(800) 387-7578		
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SDS No.: 152802

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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 GHS (Globally Harmonized System of Classification and Labelling of Chemicals).

Product Identifier: Hyprox Spray
SDS No.: 152802
Date of Preparation: April 25, 2014

Page 05 of 05