

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

<b>Product Name:</b>	Hyprox Wipes	<table border="1"><thead><tr><th colspan="2">LEGEND HMIS</th></tr></thead><tbody><tr><td>Severe</td><td>4</td></tr><tr><td>Serious</td><td>3</td></tr><tr><td>Moderate</td><td>2</td></tr><tr><td>Slight</td><td>1</td></tr><tr><td>Minimal</td><td>0</td></tr></tbody></table>	LEGEND HMIS		Severe	4	Serious	3	Moderate	2	Slight	1	Minimal	0	<table border="1"><tr><td>Health</td><td>/</td><td>1</td></tr><tr><td>Flammability</td><td></td><td>0</td></tr><tr><td>Physical Hazard</td><td></td><td>0</td></tr><tr><td>Personal Protection</td><td></td><td></td></tr></table>	Health	/	1	Flammability		0	Physical Hazard		0	Personal Protection		
LEGEND HMIS																											
Severe	4																										
Serious	3																										
Moderate	2																										
Slight	1																										
Minimal	0																										
Health	/	1																									
Flammability		0																									
Physical Hazard		0																									
Personal Protection																											
<b>Product Use:</b>	Disinfectant Cleaner Wet Wipes																										
<b>WHMIS Class:</b>	Exempt - Registered product - (DIN 02283352)																										
<b>TDG Classification:</b>	Not regulated as dangerous goods.																										
<b>Manufacturer/Supplier:</b>	Virox Technologies Inc. Toei Buhin Co., Ltd. 2770 Coventry Road 3-6, 6-Chome Honkomagome, Oakville, ON L6H 6R1 CA Bunkyo-ku, Tokyo 113-0021, Japan Phone (905) 813-0110 TEL:81-3-3946-8211 ; FAX:81-3-3946-8116																										

## SECTION II - HAZARDOUS INGREDIENTS

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Hydrogen peroxide	7722-84-1	0.1 - 1.5%	801	=2000 mg/kg	2 mg/L (4 h)

## SECTION III - PHYSICAL DATA

<b>Boiling Point:</b>	Not determined	<b>Specific Gravity:</b>	1.005 (H <sub>2</sub> O = 1)
<b>Freezing Point:</b>	Not determined	<b>Coefficient of Water/Oil Distribution:</b>	Not available
<b>VOC: % as concentrate</b>	0%	<b>Elemental Phosphorus:</b>	0% P
<b>Flash Point:</b>	>93.3°C	<b>Evaporation Rate:</b>	Not available
<b>Solubility in Water:</b>	Complete	<b>pH:</b>	1.6 - 1.9
<b>Physical State:</b>	Wet wipes	<b>Viscosity:</b>	Water thin
<b>Appearance:</b>	Clear, colourless (for liquid)	<b>Odour Threshold:</b>	Not available
<b>Odour:</b>	No odor/Odorless		

## SECTION IV - FIRE AND EXPLOSION DATA

<b>Flammability:</b>	Not flammable by WHMIS criteria.				
<b>Flash Point:</b>	> 93.3 °C (> 199.94 °F)	<b>LEL:</b>	Not applicable	<b>UEL:</b>	Not applicable
<b>Hazardous Combustion Products:</b>	None known.				
<b>Autoignition Temperature:</b>	Not applicable				
<b>Explosion Data:</b>					
<b>Sensitivity to Mechanical Impact:</b>	Not applicable.				
<b>Sensitivity to Static Discharge:</b>	Not applicable.				
<b>Means of Extinction:</b>	Treat for surrounding material.				
<b>Special Fire Hazards:</b>	Firefighters should wear a self-contained breathing apparatus.				

## SECTION V - REACTIVITY DATA

<b>Conditions for Chemical Instability:</b>	Stable.
<b>Incompatible Materials:</b>	Hazardous vapours may be produced when mixed with chlorinated detergents or sanitizers.
<b>Reactivity:</b>	Do not mix with any other cleaning or disinfecting product.
<b>Hazardous Decomposition Products:</b>	None known.

## SECTION VI - TOXICOLOGICAL PROPERTIES

**Route of Entry:** Eye, Skin contact, Ingestion.

### EFFECTS OF ACUTE EXPOSURE:

<b>Eye:</b>	Non-irritating based on test data.
<b>Skin:</b>	Non-irritating based on test data.
<b>Inhalation:</b>	Not a normal route of exposure.
<b>Ingestion:</b>	This product is non-toxic by OECD criteria. (LD50 > 2000 mg/kg) Like any product not designed to be ingested, this product may cause stomach distress if ingested in large quantities.

**EFFECTS OF CHRONIC EXPOSURE:**

<b>Skin:</b>	Prolonged or repeated exposure may cause skin drying in sensitive individuals.
<b>Irritancy:</b>	Non-hazardous by WHMIS criteria.
<b>Respiratory Tract Sensitization:</b>	Non-hazardous by WHMIS criteria.
<b>Carcinogenicity:</b>	Non-hazardous by WHMIS criteria.
<b>Teratogenicity:</b>	Non-hazardous by WHMIS criteria.
<b>Mutagenicity:</b>	Non-hazardous by WHMIS criteria.
<b>Reproductive Effects:</b>	Non-hazardous by WHMIS criteria.
<b>Synergistic Materials:</b>	Not available

---

**SECTION VII - PREVENTATIVE MEASURES**

---

<b>Gloves:</b>	Not normally required.
<b>Eye Protection:</b>	Not normally required.
<b>Respiratory Protection:</b>	Not normally required.
<b>Other Protective Equipment:</b>	As required by employer code.
<b>Engineering Controls:</b>	General ventilation normally adequate.
<b>Leak and Spill Procedure:</b>	Before attempting clean up, refer to hazard data given above. Never flush these wipes into toilets. Discard in solid waste bin. Towelletes contaminated with blood or body fluids should be disposed of according to Federal, Provincial, and local Regulations for infectious waste disposal.
<b>Waste Disposal:</b>	Review federal, provincial, and local government requirements prior to disposal.
<b>Handling Requirements:</b>	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.
<b>Storage Requirements:</b>	Keep out of reach of children. Avoid storage at elevated temperatures.

---

**SECTION VIII - FIRST AID**

---

<b>Eye:</b>	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
<b>Skin:</b>	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation develops or persists.
<b>Inhalation:</b>	No specific first aid measures are required.
<b>Ingestion:</b>	Do not induce vomiting. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.

---

**SECTION IX - PREPARATION INFORMATION**

---

**Effective Date:** 24-April-2009

**Expiry Date:** 24-April-2012

**Prepared By:** Virox Technologies Inc. (905) 813-0110

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 requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and 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.