

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name: Hydrox General Purpose Cleaner
Product Use: Cleaner
WHMIS Class: Class D - Division 2B
DOT Classification: Not regulated as dangerous goods.
TDG Classification: Not regulated as dangerous goods.
Manufacturer: Virox Technologies Inc.
2815 Bristol Circle, Unit 4
Oakville, ON L6H 6X5 CA
Phone (905) 813-0110
Supplier: JohnsonDiversey Canada Inc.
2401 Bristol Circle
Oakville, ON L6H 6P1 CA
Phone 1-800-842-2341

LEGEND HMIS		Health	/	1
Severe	4	Flammability		0
Serious	3	Physical Hazard		0
Moderate	2	Personal Protection		B
Slight	1			
Minimal	0			

SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredient(s)</u>	<u>CAS #</u>	<u>Wt%</u>	<u>OSHA PELS</u>	<u>ACGIH-TLV</u>	<u>LC50</u>	<u>Oral LD50</u>
Alcohols, C12-14-secondary, ethoxylated	84133-50-6	3 - 7	Not established	Not established	Not available	3250 mg/kg rat
3-Methoxy-3-methyl butanol	56539-66-3	1 - 5	Not established	Not established	Not available	4300 mg/kg rat
Benzene, 1,1'-oxybis-, sec-hexyl derivatives, sulfonated sodium salts	147732-60-31	5	Not established	Not established	Not available	2000 mg/kg rat
Hydrogen peroxide	7722-84-1	1 - 5	1 ppm - TWA	1 ppm - TWA	2 mg/l/4h rat	75 mg/kg rat; 2000 mg/kg mouse
Phosphonic acid, (1-hydroxyethylidene)bis-, potassium salt	67953-76-8	0.5 - 1.5	Not established	Not established	Not available	Not available

SECTION III - PHYSICAL DATA

Boiling Point:	Not available	Specific Gravity:	1.02 - 1.03 (@ 25C)
Freezing Point:	Not available	Coefficient of Water/Oil Distribution:	Not available
Vapor Pressure:	Not available	% Volatile:	Not available
Vapor Density:	Not available	Evaporation Rate:	Not available
Solubility in Water:	Complete	pH:	4 - 5
Physical State:	Liquid	Viscosity:	Not available
Appearance:	Colorless Liquid	Odor Threshold:	Not available
Odor:	Odorless		

SECTION IV - FIRE AND EXPLOSION DATA

Flammability:	Not flammable by WHMIS/OSHA criteria.				
Flash Point:	None	LEL:	Not available	UEL:	Not available
Hazardous Combustion Products:	May include and are not limited to: Oxides of carbon. Oxides of nitrogen.				
Autoignition Temperature:	Not available				
Explosion Data:					
Sensitivity to Mechanical Impact:	Not available				
Sensitivity to Static Discharge:	Not available				
Means of Extinction:	Treat for surrounding material.				
Special Fire Hazards:	Firefighters should wear a self-contained breathing apparatus. Decomposition releases oxygen which may intensify fire.				

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability:	Stable under recommended storage conditions.
Incompatible Materials:	Oxidizers. Reducing agents. Acids. Caustics.

Reactivity, and Under What Conditions: Do not mix with other chemicals. Do not mix with chlorine bleach.

Hazardous Decomposition Products: Oxygen.

SECTION VI - TOXICOLOGICAL PROPERTIES

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

EFFECTS OF ACUTE EXPOSURE:

Eye: Causes irritation.

Skin: May cause irritation.

Inhalation: Not a normal route of exposure.

Ingestion: Like any product not designed to be ingested, this product may cause stomach distress if ingested in large quantities.

EFFECTS OF CHRONIC EXPOSURE:

Skin: Prolonged or repeated exposure to dilutions can cause drying, defatting and dermatitis.

Irritancy: Hazardous by WHMIS/OSHA criteria.

Respiratory Tract Sensitization: Non-hazardous by WHMIS/OSHA criteria.

Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria.

Teratogenicity: Non-hazardous by WHMIS/OSHA criteria.

Mutagenicity: Non-hazardous by WHMIS/OSHA criteria.

Reproductive Effects: Non-hazardous by WHMIS/OSHA criteria.

Synergistic Materials: Not available

SECTION VII - PREVENTATIVE MEASURES

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 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, on your skin, or on your clothing.

Storage Requirements: Keep out of the reach of children. Store in a closed container away from incompatible materials. Avoid storage at elevated temperatures. Avoid storage under direct sunlight.

SECTION VIII - FIRST AID

Eye: Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention immediately.

Skin: 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. Rinse mouth with water, then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

SECTION IX - PREPARATION INFORMATION

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