

MATERIAL SAFETY DATA SHEET

1.0 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Hydrox General Purpose Cleaner

Product Use: Cleaner

Manufacturer/Supplier: Virox Technologies Inc.

Address: 2815 Bristol Circle, Unit 4
Oakville, Ontario L6H 6X5
Phone # (905) 813-0110

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

2.0 INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>Wt%</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>	<u>LC₅₀</u>	<u>LD₅₀</u>
3-Methoxy-3-methyl butanol	56539-66-3	1 - 5	Not available	Not available	Not available	4300 mg/kg oral, rat
Hydrogen peroxide	7722-84-1	1 - 5	1 ppm TWA	1 ppm TWA	2000 mg/m ³ 4 h, rat	805 mg/kg oral, rat
Alcohols, C12-14-secondary, ethoxylated	84133-50-6	3 - 7	Not available	Not available	Not available	3250 mg/kg oral, rat
Arylsulfonated sodium salts	147732-60-3	1 - 5	Not available	Not available	Not available	>2000 mg/kg oral, rat

3.0 HEALTH HAZARDS IDENTIFICATION

Route of Entry: Eye, Skin contact, Ingestion

Effects of Acute Exposure:

Eye: May cause irritation.

Skin: May cause irritation.

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 may cause skin drying in sensitive individuals.

Irritancy: Hazardous by WHMIS/OSHA criteria.

Respiratory Tract Sensitization: No data available.

Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria.

Teratogenicity, Reproductive Effects: No data available.

Mutagenicity: No data available.

Synergistic Materials: None known.

4.0 FIRST AID MEASURES

Eye: Immediately flush with water for 15 minutes, removing contact lenses if applicable. Obtain medical attention if irritation persists.

Skin: 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 glass of water. Obtain medical attention immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

5.0 FIRE FIGHTING MEASURES

Flammability: Not flammable

Flash Point (°F/C, TCC): None

LEL: Not applicable

UEL: Not applicable

Hazardous Combustion Products: May include and are not limited to oxides of carbon, oxygen.

Means of Extinction: Treat for surrounding material.

Special Fire Hazards: Fire fighters should wear self-contained breathing apparatus.

6.0 ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedure: Before attempting cleanup, refer to hazard data given above. Small 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.

7.0 HANDLING AND STORAGE

Storage and Handling Requirements: Keep out of reach of children. Store in closed container away from incompatible materials.

8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

Gloves: Chemical resistant. Confirm with a reputable supplier.

Eye Protection: Safety glasses.

Respiratory Protection: Not normally required if good ventilation is maintained.

Other Protective Equipment: As required by employer code.

Engineering Controls: Ensure good ventilation.

9.0 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (°F/C): Not available

% Volatile (Wt %): Not available

Solubility in Water: Complete

Physical State: Liquid

Appearance and odor: Clear colourless; Odourless

Specific Gravity (H₂O = 1): 1.025

Evaporation Rate (H₂O = 1): Not available

pH (100%): 4-5

Viscosity: Not available

Odor Threshold (ppm): Not available

10.0 STABILITY AND REACTIVITY

Conditions for Chemical Instability: Stable.

Incompatible Materials: Oxidizers, reducers, acids, caustics.

Conditions for Reactivity: Do not mix with chlorine bleach.

Hazardous Decomposition Products: May include and are not limited to oxides of carbon, oxygen when heated to decomposition.

11.0 DISPOSAL CONSIDERATIONS

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

12.0 TRANSPORTATION

T.D.G./D.O.T. Classification: Not regulated.

13.0 REGULATORY INFORMATION

Occupational Health and Safety Regulations:

WHMIS Class: Class D - Division 2B – Eye/Skin Irritant

OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

Environmental Regulatory Lists

SARA - Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 - No reportable ingredients.

Toxic Substances Control Act (TSCA) - All the ingredients are listed on the Chemical Substance Inventory or exempt.

Canadian Domestic Substance List (DSL) - All the ingredients are listed on the DSL or exempt.

14.0 PREPARATION INFORMATION

Date: January 15, 2005

MSDS Prepared by: Dell Tech Laboratories Ltd.

Telephone: 519-858-5021

Disclaimer

Information for this material safety data sheet 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. 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 form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-905-877-4400) or CSST in Montreal, Quebec (514-873-3990).