

MATERIAL SAFETY DATA SHEET

1.0 PRODUCT AND COMPANY IDENTIFICATION

Product Name: HYDRIM Cleaning Solution
Product Use: Cleaner
Manufacturer/Supplier: Virox Technologies Inc.
Address: 6705 Millcreek Dr. Unit 4
Mississauga, Ontario L5N 5M4
Phone #: (905) 813-0110

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

2.0 INFORMATION ON INGREDIENTS

Ingredients	CAS#	Wt%	OSHA-PEL	ACGIH-TLV	LD ₅₀	LC ₅₀
1-Octanesulfonic acid, sodium salt	5324-84-5	1-5	Not available	Not available	Not available	>5000 mg/kg oral, rat
Hydrogen peroxide	7722-84-1	1-5	1 ppm TWA	1 ppm TWA	1518 mg/kg oral, mouse	2000 mg/m ³ 4 h, rat
Phosphonic acid, (1-hydroxyethylidene) bis - potassium salt	14860-53-8	1-5	Not available	Not available	520 mg/kg oral, rat	Not available

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 drying skin drying in sensitive individuals.

Irritancy: May cause irritation.

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: Flush with water. Remove contact lenses, if applicable, and continue flushing. 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 or call a poison control center. 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 (deg 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: Firefighters should wear self-contained breathing apparatus.

6.0 ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedure: Before attempting cleanup, refer to hazard data given above. Flush into sewage system in accordance with local regulations.

7.0 HANDLING AND STORAGE

Storage and Handling Requirements: Keep out of reach of children. Avoid storage at elevated temperatures.

8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

Gloves: Natural or butyl rubber, nitrile or neoprene gloves.
Eye Protection: Safety goggles or glasses.
Respiratory Protection: Not normally required.
Other Protective Equipment: As required by employer code.
Engineering Controls: General ventilation is adequate.

9.0 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (deg F/C): Not available	Specific Gravity (H₂O = 1): ~1.04
% Volatile (Wt %): Not available	Evaporation Rate (H₂O = 1): Not available
Solubility in Water: Complete	pH (100%): 9.0
Physical State: Liquid	Viscosity: Not available
Appearance and Odour: Clear light yellow, odourless	Odour Threshold (ppm): Not available

10.0 STABILITY AND REACTIVITY

Conditions for Chemical Instability: Stable.
Incompatible Materials: Oxidizers, reducers.
Conditions for Reactivity: Not available.
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. Classification: Not regulated.
D.O.T. Classification: Not regulated.

13.0 REGULATORY INFORMATION**Occupational Health and Safety Regulations:**

WHMIS Class: Class D - Division 2B

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 – Hydrogen peroxide is listed.

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

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

14.0 PREPARATION INFORMATION

Date: September 30, 2000
Telephone: 519-858-5021

MSDS Prepared by: Dell Tech Laboratories Ltd.

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 (1-800-263-8466) or CSST in Montreal, Quebec (514-873-3990).