## MATERIAL SAFETY DATA SHEET

### 1.0 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Hydrox 7

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	В

2.0 INFORMATION ON INGREDIENTS							
Ingredients 3-Methoxy-3-methyl butanol Hydrogen peroxide	CAS# 56539-66-3 7722-84-1	Wt% 3 - 7 3 - 7	OSHA-PEL Not available 1.4 mg/m³ TWA	ACGIH-TLV Not available 1.4 mg/m³ TWA	LC <sub>50</sub> Not available 2000 mg/m³ 4 h, rat	<b>LD</b> <sub>50</sub> 4300 mg/kg oral, rat 805 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, oxides of phosphorous,

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. For large quantities review federal, state/provincial and local government requirements prior to disposal.

# 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

Specific Gravity (H₂O = 1): 1.03-1.04 @ 22°C

Volatile (Wt %): Not available

Evaporation Rate (H₂O = 1): Not available

Solubility in Water: Complete pH (100%): 6-7
Physical State: Liquid Viscosity: Water thin

Appearance; odor: Colourless/slightly cloudy; odourless

Odor Threshold (ppm): Not available

## 10.0 STABILITY AND REACTIVITY

Conditions for Chemical Instability: Stable.

Incompatible Materials: Oxidizers, reducers, acids.

Conditions for Reactivity: Do not mix with bleach or any other chemical.

Hazardous Decomposition Products: May include and are not limited to oxides of carbon, oxides of phosphorous,

oxygen when heated to decomposition.

### 11.0 DISPOSAL CONSIDERATIONS

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

## 12.0 TRANSPORTATION

**TDG Classification:** Not regulated. **DOT 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 - No ingredients are listed.

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

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

## 14.0 PREPARATION INFORMATION

Date: September 1, 2003 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 (1-800-263-8466) or CSST in Montreal, Quebec (514-873-3990).