MATERIAL SAFETY DATA SHEET

1.0 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Up Start Carpet Cleaner & Sanitizer
Product Use: Carpet cleaner
Manufacturer: Virox Technologies Inc.
Supplier: The Butcher Company
Address: 6705 Millcreek Dr. Unit 4
Mississauga, Ontario L5N 5M4
Phone #: (905) 813-0110
Emergency Telephone (24 hours): 800-228-5635
Manufacturer: 67 Forest Street
Marlborough, MA 01752-3012
Phone#: 800-225-9475

2.0 INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS#</th>
<th>Wt%</th>
<th>OSHA-PEL</th>
<th>ACGIHTLV</th>
<th>LD₅₀</th>
<th>LC₅₀</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Hydroxyethylidene-1,1-diphosphonic acid</td>
<td>2809-21-4</td>
<td>1-5</td>
<td>Not available</td>
<td>Not available</td>
<td>1800 mg/kg oral, rat</td>
<td>Not available</td>
</tr>
<tr>
<td>Arilsulfonated sodium salts</td>
<td>147732-60-3</td>
<td>0.5-1.5</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Benzenesulfonic acid, dodecy-</td>
<td>2717-68-70</td>
<td>0.5-1.5</td>
<td>Not available</td>
<td>Not available</td>
<td>650 mg/kg oral, rat</td>
<td>Not available</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>1-5</td>
<td>1 ppm TWA</td>
<td>1 ppm TWA</td>
<td>1518 mg/kg oral, mouse</td>
<td>2000 mg/m³ 4 h, rat</td>
</tr>
</tbody>
</table>

3.0 HEALTH HAZARDS IDENTIFICATION

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

Effects of Acute Exposure:
Eye: Corrosive. May cause burns.
Skin: Corrosive. May cause burns.
Inhalation (mists): May cause respiratory tract irritation.
Ingestion: Corrosive. Harmful if swallowed. May cause burns and other medical problems.

Effects of Chronic Exposure:
Skin: Prolonged or repeated exposure to dilutions may cause skin drying in sensitive individuals.
Irritancy: Hazardous by WHMIS 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. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Skin: Flush with water. Wash with soap and water. Obtain medical attention if irritation persists.
Inhalation: 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 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 (deg 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 sulphur, hydrogen sulphide, 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. Collect spills with appropriate absorbent material and place in suitable, covered, labelled containers. Keep away from entering sewers or waterways. Contact emergency services and supplier for advice.

MSDS No. 4396
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 normally adequate.

9.0 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (deg 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): 1.035
Evaporation Rate (H₂O = 1): Not available
pH (100%): 1.0 - 2.0
Viscosity: Not available
Odor Threshold (ppm): Not available

10.0 STABILITY AND REACTIVITY

Conditions for Chemical Instability: Stable.
Incompatible Materials: Oxidizers, reducers, caustics, acids.
Conditions for Reactivity: Not available.
Hazardous Decomposition Products: May include and are not limited to oxides of carbon, oxides of sulphur, hydrogen sulphide, 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. and D.O.T. Classification: CORROSIVE LIQUIDS, N.O.S. (Hydrogen peroxide); Class 8; UN1760; PG III.

13.0 REGULATORY INFORMATION

Occupational Health and Safety Regulations:
WHMIS Class: Class E - Corrosive Material
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: July 15, 1999
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).

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