
MATERIAL SAFETY DATA SHEET

1.0 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Hydrim HIP Cleaning Solution
Product Use: Cleaner
Manufacturer/Supplier: Virox Technologies Inc.
Address: 2815 Bristol Circle, Unit 4
Oakville, Ontario
L6H 6X5
Phone # (905) 813-0110

(W)HMIS Classification:

Health: 2 Flammability: 1 Reactivity: 0 Personal Protection: **B**
(Gloves + Goggles)

2.0 INFORMATION ON ACTIVE INGREDIENTS

| Ingredient | CAS# | Wt% | OSHA-PEL | ACGIH-TLV |
|--------------------------------|-----------|--------|----------|-----------|
| 1-Hydroxyethane | 2809-21-4 | 5-10% | N/E | N/E |
| -1,1-Diphosphonic acid, K salt | | | | |
| 1,2 propylene glycol | 57-55-6 | 15-20% | N/E | N/E |
| Xylenesulfonic acid, K salt | 1300-72-7 | 5-10% | N/E | N/E |
| N-Octyl -2-Pyrrolidone | 2687-94-7 | 3-5% | N/E | N/E |

3.0 HEALTH HAZARD IDENTIFICATION

Route of Entry: Dermal-skin, Eye, Inhalation and Ingestion.

Signs and Symptoms:

Eye contact: Causes eye burns and irritation.

Skin contact: Causes irritation.

Ingestion: Harmful if swallowed. May cause burns or other medical problems.

Inhalation: Not a normal route of exposure.

Acute overexposure: Corrosive. Causes burns.

Chronic Overexposure: No Data available

4.0 FIRST AID MEASURES

Eye: Immediately flush with water for 15 minutes while lifting eyelids and rolling eyes. Get immediate medical attention.

Skin: Wash promptly with soap and water.

Ingestion: Get medical help. Do NOT induce vomiting. If conscious and medical help not readily available, give water.

Inhalation: Remove to fresh air. If breathing is difficult get medical attention.

5.0 FIRE FIGHTING MEASURES

Flash point: Not Available

Auto-Ignition temperature: Not Available

Extinguisher Media: Water spray, dry chemical, foam, carbon dioxide.

Special Fire Fighting Procedures: Firefighters should have eye protection and wear self-contained breathing apparatus.

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| 6.0 | SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES |
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Precautions to be taken in handling and storage: Store in a cool, dry, well ventilated location. Outside or detached storage is preferred. Separate from acids.

Other Precautions: Avoid skin contact. Keep containers tightly closed. No smoking or eating in handling area.

Steps to be taken in case Material is Released or Spilled: Pick up spill on sand, earth or other non-combustible, absorbent material. Flush area with water to remove last traces.

Waste Disposable Methods (Consult Federal, State, and Local Regulations): Dispose of the waste in accordance with federal, provincial and local regulations.

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| 7.0 | EXPOSURE CONTROLS/PERSONAL PROTECTION |
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Gloves: Rubber gloves. Confirm with reputable supplier first.

Eye Protection: Safety 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.

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| 8.0 | PHYSICAL/CHEMICAL CHARACTERISTICS |
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Physical State: Liquid

Boiling Point: No Data

pH: 9.5-10.5

Specific Gravity: 1.14-1.15@25°C

Solubility in Water: 100% soluble in water.

Appearance and Color: Clear colorless to slight yellow.

Melting Point: No Data

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| 9.0 | Physical Hazards/Reactivity Data |
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Stability: Stable under normal conditions of handling, use and transportation.

Incompatibility (Materials to Avoid): Acids.

Hazardous Decomposition Products: Combustion produces carbon dioxide and carbon monoxide.

Hazardous polymerization: Will Not Occur.

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| 10.0 | TRANSPORTATION |
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T.D.G./D.O.T. Classifications: Not regulated.

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| 11.0 | REGULATORY INFORMATION |
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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 reportable ingredients.

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

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

12.0 PREPARATION INFORMATION

Date: July 20, 2005

MSDS Prepared by: Virox Technologies Inc

Telephone: (905) 813-0110

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 Center for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-905-877-4400) or the local office of US EPA.