



MATERIAL SAFETY DATA SHEET

1.0 PRODUCT AND COMPANY IDENTIFICATION

Product Name: PREvention

Hydrotherapy

Product Use: Concentrated Hard Surface
Cleaner and Disinfectant

Manufacturer/Supplier: Virox
Technologies Inc.

Address: 2770 Coventry Road
Oakville, Ontario
L6H 6R1

Phone # : (905) 813-0110

WHMIS Class: Exempt – Registered Product – (DIN 02381079)

Legend	HMIS		NFPA
Severe	4	Health	3
Serious	3	Fire Hazard	0
Moderate	2	Reactivity	0
Slight	1	Personal	B
Minimal	0	Protection	

2.0 HAZARDOUS INGREDIENTS

Not applicable to DIN products. Refer to product label for active ingredient content.
(DIN 02381079)

3.0 PHYSICAL/CHEMICAL CHARACTERISTICS

Physical State: Liquid

pH: 0.7

Odor: Odorless

Diluted pH: 2.2 – 2.4

Boiling Point: No Data

Specific Gravity: 1.032 - 1.042

Freezing Point: No Data

Solubility in Water: Complete

Vapor Density (air=1): No Data

Appearance and Color: Clear

Vapor Pressure (mmHg): No Data

colorless solution.

Evaporation Rate: No Data

Elemental Phosphorus: 0% by weight

4.0 FIRE AND EXPLOSION DATA

Flammability: Not flammable by WHMIS criteria

Means of extinction: Treat for surrounding material.

Flash point: >93.4°C (200°F)

Auto-Ignition Temperature: Not available

Explosion Data- Sensitivity to Impact: Not applicable

Explosion Data- Sensitivity to Static Discharge: Not applicable

Hazardous Combustion Products: Decomposition releases oxygen which may intensify fire.

Special Fire Hazards: Firefighters should wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

5.0 REACTIVITY DATA

Chemical Stability: Stable under recommended storage conditions.

Incompatible Materials: Bases. Reducing agents.

Reactivity: Do not mix with any other cleaning or disinfecting product.

Hazardous Decomposition Products: Decomposition releases oxygen which may intensify fire.

6.0 TOXICOLOGICAL PROPERTIES

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

Effects of Acute Exposure:

Eye contact: Corrosive to eyes. Causes chemical burns.

Skin contact: May be mildly irritating to skin.

Inhalation: Not a normal route of exposure.

Ingestion: Harmful if swallowed. May cause chemical burns to mouth, throat and stomach.

Effects of Chronic Exposure:

Skin Sensitization: Not a skin sensitizer.

Dermal Toxicity: Non-hazardous by WHMIS/OSHA criteria.

Irritancy: Corrosive to eyes. Causes skin irritation.

Respiratory Tract Sensitization: None known.

Specific effects

Carcinogenicity: Non-hazardous by WHMIS criteria.

Teratogenicity: Non-hazardous by WHMIS criteria.

Mutagenicity: Non-hazardous by WHMIS criteria.

Reproductive Effects: Non-hazardous by WHMIS criteria.

Synergistic Materials: None known.

7.0 PREVENTIVE MEASURES

Personal Protective Equipment

Hand Protection: Natural or butyl rubber, nitrile or neoprene gloves.

Eye Protection: Safety goggles or glasses.

Skin and Body Protection: No special requirements under normal use conditions.

Respiratory Protection: Not normally required if good ventilation is maintained and exposure guidelines are not exceeded.

Other protective equipment: Handle in accordance with good industrial hygiene and safety practices.

Engineering Controls: No special ventilation requirements.

Leak and Spill Procedure: Before attempting clean up, refer to hazard data given above. Large spills, greater than 5 gallons (19 litres), 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. Small spills may be neutralized with sodium bicarbonate and flushed into sanitary sewer with water.

Waste Disposal: Review federal, provincial, and local government requirements.

Handling Requirements: Use good industrial hygiene practices in handling this material. When using do not eat or drink, do not get this material in your eyes, on your skin, or on your clothing. Wash hands before breaks and immediately after handling the product.

Storage Requirements: KEEP OUT OF REACH OF CHILDREN. Store in a closed container away from incompatible materials. Avoid storage at elevated temperatures.

Shipping Information/TDG Classification: Not regulated as dangerous goods.

8.0 FIRST AID MEASURES

Eye: Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention immediately.

Skin: Immediately flush with water. Wash with soap and water. Obtain medical attention if irritation persists.

Ingestion: Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

9.0 PREPARATION INFORMATION

Date: April 19, 2012 **MSDS Prepared by:** Virox Technologies Inc

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