

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

**Product Name:** Accel Hydrotherapy +  
**Product Use:** Disinfectant  
**WHMIS Class:** Exempt - Registered product - (DIN 02300656)  
**DOT Classification:** Not regulated as dangerous goods.  
**TDG Classification:** Not regulated as dangerous goods.  
**Manufacturer/Supplier:** Virox Technologies Inc.  
2770 Coventry Road  
Oakville, ON L6H 6R1 CA  
Phone (905) 813-0110

LEGEND HMIS		Health	*	3
Severe	4	Flammability		0
Serious	3	Physical Hazard		0
Moderate	2			
Slight	1	Personal Protection		B
Minimal	0			

## SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredient(s)</u>	<u>CAS #</u>	<u>Wt%</u>	<u>OSHA PELS</u>	<u>ACGIH-TLV</u>	<u>LC50</u>	<u>Oral LD50</u>
Hydrogen peroxide	7722-84-1	1 - 5	1 ppm - TWA	1 ppm - TWA	2 mg/l/4h rat	75 mg/kg rat; 2000 mg/kg mouse

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

## SECTION III - PHYSICAL DATA

<b>Boiling Point:</b>	Not available	<b>Specific Gravity:</b>	1.04 - 1.1 @ 25°C (77°F) (H <sub>2</sub> O = 1)
<b>Freezing Point:</b>	Not available	<b>Coefficient of Water/Oil Distribution:</b>	Not available
<b>Vapor Pressure:</b>	Not available	<b>% Volatile:</b>	Not available
<b>Vapor Density:</b>	Not available	<b>Evaporation Rate:</b>	Not available
<b>Solubility in Water:</b>	Soluble	<b>pH:</b>	1.5 - 2
<b>Physical State:</b>	Liquid	<b>Viscosity:</b>	Not available
<b>Appearance:</b>	Clear colorless	<b>Odor Threshold:</b>	Not available
<b>Odor:</b>	Not available		

## SECTION IV - FIRE AND EXPLOSION DATA

<b>Flammability:</b>	Flammable by WHMIS/OSHA criteria.				
<b>Flash Point (Closed Cup):</b>	67.22 °C (152.99 °F)	<b>LEL:</b>	Not available	<b>UEL:</b>	Not available
<b>Hazardous Combustion Products:</b>	May include and are not limited to: Oxides of carbon.				
<b>Autoignition Temperature:</b>	Not available				
<b>Explosion Data:</b>					
<b>Sensitivity to Mechanical Impact:</b>	Not available				
<b>Sensitivity to Static Discharge:</b>	Not available				
<b>Means of Extinction:</b>	Treat for surrounding material.				
<b>Special Fire Hazards:</b>	Firefighters should wear a self-contained breathing apparatus.				

## SECTION V - REACTIVITY DATA

<b>Conditions for Chemical Instability:</b>	Stable under recommended storage conditions.
<b>Incompatible Materials:</b>	Caustics. Acids. Bases. Reducing agents.
<b>Reactivity, and Under What Conditions:</b>	Do not mix with chlorine bleach, or other cleaning and disinfecting chemicals.
<b>Hazardous Decomposition Products:</b>	May include and are not limited to: Oxides of carbon when heated to decomposition.

## SECTION VI - TOXICOLOGICAL PROPERTIES

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

### EFFECTS OF ACUTE EXPOSURE:

**Eye:** May cause chemical burns. May cause permanent damage.

**Skin:** Contact with product concentrate may cause irritation.  
**Inhalation:** May cause respiratory tract irritation.  
**Ingestion:** Harmful if swallowed. May cause chemical burns to mouth, throat and stomach.

**EFFECTS OF CHRONIC EXPOSURE:**

**Skin:** Prolonged or repeated exposure to dilutions can cause drying, defatting and dermatitis.  
**Irritancy:** May cause chemical burns.  
**Respiratory Tract Sensitization:** Non-hazardous by WHMIS/OSHA criteria.  
**Carcinogenicity:** Non-hazardous by WHMIS/OSHA criteria.  
**Teratogenicity:** Non-hazardous by WHMIS/OSHA criteria.  
**Mutagenicity:** Non-hazardous by WHMIS/OSHA criteria.  
**Reproductive Effects:** Non-hazardous by WHMIS/OSHA criteria.  
**Synergistic Materials:** Not available

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## SECTION VII - PREVENTATIVE MEASURES

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**Gloves:** Natural or butyl rubber, nitrile or neoprene gloves.  
**Eye Protection:** Chemical splash goggles.  
**Respiratory Protection:** Not normally required if good ventilation is maintained.  
**Other Protective Equipment:** As required by employer code.  
**Engineering Controls:** General ventilation normally adequate.  
**Leak and Spill Procedure:** Before attempting cleanup, refer to hazard data given above. Eliminate all ignition sources. 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.  
**Waste Disposal:** Review federal, state/provincial, and local government requirements prior to disposal.  
**Handling Requirements:** Use good industrial hygiene practices in handling this material. Do not get this material in your eyes, on your skin, or on your clothing.  
**Storage Requirements:** Keep out of the reach of children. Store in a closed container away from incompatible materials. Store in well-ventilated area, away from heat, sparks and flame.

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## SECTION VIII - FIRST AID

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**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 develops or 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 or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

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## SECTION IX - PREPARATION INFORMATION

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**Effective Date:** 01-May-2007

**Expiry Date:** 01-May-2010

**Issue Date:** 21-Jul-2008

**Prepared By:** Dell Tech Laboratories Ltd. (519) 858-5021

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