

# 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	/	2
Severe	4	Flammability		0
Serious	3	Physical Hazard		0
Moderate	2	Personal Protection		B
Slight	1			
Minimal	0			

## SECTION II - COMPOSITION/INFORMATION ON 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	Not available	75 mg/kg rat; 2000 mg/kg mouse

Not applicable to DIN products. Active ingredients are listed above.

## SECTION III - PHYSICAL DATA

<b>Boiling Point:</b>	Not available	<b>Specific Gravity:</b>	1.04 @ 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>	Completely soluble	<b>pH:</b>	1.5 - 2
<b>Physical State:</b>	Liquid	<b>Viscosity:</b>	2.3 (1:16)
<b>Appearance:</b>	Clear colorless	<b>Odor Threshold:</b>	Not available
<b>Odor:</b>	Characteristic		

## SECTION IV - FIRE AND EXPLOSION DATA

<b>Flammability:</b>	Not flammable by WHMIS/OSHA criteria.		
<b>Flash Point:</b>	> 200 °F (> 93.33 °C)	<b>LEL:</b>	Not applicable
<b>Hazardous Combustion Products:</b>	Decomposition releases oxygen which may intensify fire.		
<b>Autoignition Temperature:</b>	Not applicable		
<b>Explosion Data:</b>			
<b>Sensitivity to Mechanical Impact:</b>	Not applicable.		
<b>Sensitivity to Static Discharge:</b>	Not applicable.		
<b>Means of Extinction:</b>	This product is not flammable. Extinguish fire using agents suitable for surrounding fire.		
<b>Special Fire Hazards:</b>	Firefighters should wear a self-contained breathing apparatus.		

## SECTION V - REACTIVITY DATA

<b>Conditions for Chemical Instability:</b>	This product is stable.
<b>Incompatible Materials:</b>	Oxidizing 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>	Decomposition releases oxygen which may intensify fire.

## SECTION VI - TOXICOLOGICAL PROPERTIES

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

**EFFECTS OF ACUTE EXPOSURE:**

- Eye:** Moderately irritating to the eyes.  
**Skin:** May be moderately irritating to skin.  
**Inhalation:** None known.  
**Ingestion:** May be irritating to mouth, throat, stomach. Oral LD50 estimated to be >5000 mg/kg.

**EFFECTS OF CHRONIC EXPOSURE:**

- Skin:** May cause irritation  
**Irritancy:** May cause eye and skin irritation.  
**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:** No special requirements under normal use conditions.  
**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:** Take off contaminated clothing. Immediately flush with water. 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 or two glasses of water. Obtain medical attention immediately. 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-2010

**Expiry Date:** 01-May-2013

**Issue Date:** 26-Feb-2010

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

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