



Accel Hydrotherapy +

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Accel Hydrotherapy +
MSDS No. 001909
Manufacturer Virox Technologies Inc., 2770 Coventry Rd., Oakville, ON, L6H 6R1, 905-813-0110
Emergency Contact Information Virox Technologies Inc., 1-800-387-7578
Use Disinfectant

2. HAZARDS IDENTIFICATION

Emergency Overview Moderate eye irritant. Slightly irritating to skin. MAY BE HARMFUL IF SWALLOWED.
Potential Health Effects
Route of Exposure Eye contact; skin contact; skin absorption; inhalation; ingestion.
Inhalation None known.
Skin Contact May be slightly irritating to skin.
Eye Contact Causes moderate eye irritation.
Ingestion May cause irritation of mouth, throat and stomach if ingested.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Registry No.	Concentration %	Other Identifiers
Hydrogen peroxide	7722-84-1	4	

Notes Active ingredients are listed above. Not Applicable to DIN products. DIN 02300656

4. FIRST AID MEASURES

First Aid Procedures

Inhalation Not a normal route of exposure. If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact Remove contaminated clothing and thoroughly flush affected areas with lukewarm water. Wash with soap and water. Obtain medical attention if irritation develops or persists.
Eye Contact Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if applicable, once flushing has begun. Obtain medical attention.
Ingestion NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. DO NOT INDUCE VOMITING. Have victim rinse mouth with water. Have person drink one or two glasses of water if able to. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Flammable Properties Not flammable by WHMIS/OSHA criteria.
Suitable Extinguishing Media Use extinguishing agent suitable for surrounding fire.
Unsuitable Extinguishing Media None known.
Specific Hazards Arising from the Chemical Decomposition releases oxygen which may intensify fire.
Protective Equipment and Precautions for Firefighters Fire fighters should wear a self-contained breathing apparatus.

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use the Personal Protective Equipment recommended in Section 8 of this MSDS.
Environmental Precautions	Review federal, state/provincial and local government requirements prior to disposal.
Methods for Containment and Clean-up	Before attempting clean-up, refer to hazard data. Small spills or leaks: (smaller than 5 gallons) contain and soak up spill with absorbent that does not react with spilled product. Place in suitable, covered labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

7. HANDLING AND STORAGE

Handling	Use good industrial hygiene practices in handling this material (See Section 8). Avoid contact with eyes, skin and clothing. Do not ingest. Prevent accidental contact with incompatible materials. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage	Keep container tightly closed in a dry and well-ventilated place. Store in an area that is: out of direct sunlight and away from heat and ignition sources. Avoid storage at elevated temperatures. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guideline

	ACGIH		OSHA PEL		AIHA WEEL	
Chemical Name	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Hydrogen Peroxide	1 ppm		1 ppm			

Engineering Controls General ventilation is usually adequate.

Personal Protective Equipment (PPE)

Eye/Face Protection	Wear chemical safety goggles.
Skin Protection	No special requirements under normal use conditions.
Respiratory Protection	No special requirements under normal use conditions.
General Hygiene	Handle in accordance with good industrial hygiene and safety practice.
Considerations	

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Clear colourless.
Odour Threshold	Not available
Boiling Point	Not available
Freezing Point	Not available
Relative Density (water = 1)	1.04 at 25 °C
Solubility in Water	Soluble.
pH	1.5 - 2.0
Viscosity-Kinematic	2.3 centistokes
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Evaporation Rate	Not available
Flash Point	> 200 °F (93 °C)
Lower Flammable/Explosive Limit	Not available
Upper Flammable/Explosive Limit	Not available
Auto-ignition Temperature	Not available
Odor:	Characteristic
% Volatile:	Not Available
Coefficient Water/Oil Distribution	Not Available

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10. STABILITY AND REACTIVITY

Chemical Stability	This product is stable.
Conditions to Avoid	Do not mix with bleach or any other chemical. Do not mix with any other cleaning or disinfecting product.
Incompatible Materials	Oxidising agents.
Hazardous Decomposition Products	Decomposition releases oxygen which may intensify fire.

11. TOXICOLOGICAL INFORMATION

LD50 (oral): >2000 mg/Kg

Skin Irritation / Corrosion

May be slightly irritating to skin.

Eye Irritation / Corrosion

Moderately irritating to the eyes.

Effects of Short-Term (Acute) Exposure

Inhalation

Non-Hazardous by WHMIS criteria. Inhalation LC50: > 2 mg/m3

Ingestion

May cause irritation to mouth, throat and stomach if ingested.

Respiratory and/or Skin Sensitization

Non-hazardous by WHMIS/OSHA criteria.

Carcinogenicity

Non-hazardous by WHMIS/OSHA criteria.

Teratogenicity / Embryotoxicity

Non-hazardous by WHMIS/OSHA criteria.

Reproductive Toxicity

Non-hazardous by WHMIS/ OSHA criteria.

Mutagenicity

Non-hazardous by WHMIS/OSHA criteria.

Toxicologically Synergistic Materials

None known

12. ECOLOGICAL INFORMATION

General Comments This section is not required by OSHA / WHIMS.

13. DISPOSAL CONSIDERATIONS

Review federal, state/provincial and local government requirements prior to disposal.

14. TRANSPORT INFORMATION

Shipping Information

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

Other Transport Information

Special Shipping Information Not applicable

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15. REGULATORY INFORMATION

Canada

WHMIS Classification

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

Additional Canadian Regulatory Lists

WHMIS Exempt: DIN 02300656

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory. Or exempt.

16. OTHER INFORMATION

HMIS Rating	Health - 2	Flammability - 0	Physical Hazard - 0
MSDS Prepared By	Virox Technologies Inc.		
Phone No.	(800) 387-7578		
Date of Preparation	May 01, 2013		
Date of Expiry	May 01, 2016		
Additional Information	For an updated MSDS please contact the supplier/ manufacturer listed on the first page of this document. Information contained herein 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 according to the requirement of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and manufacturer/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 document. The contents of this document have been prepared in accordance with Canadian WHMIS (Controlled Products Regulations).		

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