



Accel (Concentrate)

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Accel (Concentrate)
MSDS No. 002201
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 Cleaner

2. HAZARDS IDENTIFICATION

Emergency Overview WARNING: MODERATELY IRRITATING TO EYES. MAY BE HARMFUL IF SWALLOWED.

Potential Health Effects

Route of Exposure Skin contact; eye contact; ingestion.
Skin Contact May be mildly 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. All ingredients of this product are listed on the US EPA TSCA Inventory. EPA Registration Number 74559-4

4. FIRST AID MEASURES

First Aid Procedures

Inhalation Not a normal route of exposure.
Skin Contact Remove contaminated clothing and thoroughly flush affected areas with lukewarm water.
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. Get medical attention immediately after flushing.
Ingestion Have victim rinse mouth with water. NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. DO NOT INDUCE VOMITING. Call a Poison Centre or doctor if the victim feels unwell.

5. FIRE FIGHTING MEASURES

Flammable Properties Not flammable by WHMIS/OSHA criteria. Not combustible.
Suitable Extinguishing Media Not combustible. Use extinguishing agent suitable for surrounding fire.
Unsuitable Extinguishing Media None known.

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Specific Hazards Arising from the Chemical Decomposition releases oxygen which may intensify fire.

Protective Equipment and Precautions for Firefighters Wear self-contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use the Personal Protective Equipment recommended in Section 8 of this MSDS.

Environmental Precautions Before attempting clean-up, refer to hazard data. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Methods for Containment and Clean-up Large spills or leaks: (greater than 5 gallons) Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Use water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling Use good industrial hygiene practices in handling this material. (See Section 8) Avoid contact with eyes, skin and clothing. 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

Chemical Name	ACGIH		OSHA PEL		AIHA WEEL	
	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 Wear appropriate chemical resistant gloves.

Respiratory Protection Not normally required if product is used as directed.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid

Odour Threshold Not available

Boiling Point Not available

Melting Point Not available

Freezing Point Not available

Relative Density (water = 1) 1.038

Solubility in Water Soluble.

pH 1.0

Partition Coefficient, n-Octanol/Water Not available

Viscosity-Kinematic Not available

Vapour Pressure Not available

Critical Temperature Not available

Vapour Density (air = 1) Not available

Evaporation Rate Not available

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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
Appearance	Clear colourless liquid
Odour	Faint, characteristic odour.
In-Use pH	2.3 at 1:16

10. STABILITY AND REACTIVITY

Chemical Stability	This product is stable.
Conditions to Avoid	High temperatures.
Incompatible Materials	Oxidising agents, Reducing agents, Bases, Ferrous Materials such as Galvanized Iron and heavy metals
Hazardous Decomposition Products	Oxygen when heated to decomposition. May intensify fire.
Possibility of Hazardous Reactions	Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Inhalation LC50: > 2 mg/m³

Oral LD50: > 2000 mg/kg

Dermal LD50: > 5000 mg/kg

Skin Irritation / Corrosion

May be mildly irritating to skin.

Eye Irritation / Corrosion

Causes moderate eye irritation.

Effects of Short-Term (Acute) Exposure

Inhalation

Non-hazardous by OSHA criteria.

Skin Absorption

Non-hazardous by OSHA criteria.

Ingestion

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

Respiratory and/or Skin Sensitization

Not a skin sensitizer. Not a respiratory sensitizer. 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.

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Mutagenicity

Non-hazardous by WHMIS/OSHA criteria.

Toxicologically Synergistic Materials

None known.

12. ECOLOGICAL INFORMATION

General Comments This section is not required by OSHA.

13. DISPOSAL CONSIDERATIONS

Review the STORAGE and DISPOSAL instructions on product label prior to disposal.
PCRA Hazard Class: D002.

14. TRANSPORT INFORMATION**Shipping Information**

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

Other Transport Information

Special Shipping Not applicable

Information**15. REGULATORY INFORMATION****USA****Additional USA Regulatory Lists**

US Regulations:

EPA Reg. No.: 74559-4

This chemical is a pesticide product registered by the US Environmental Protection Agency and is subject to certain labelling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS) and for workplace labels for non-pesticide chemicals. The following is the hazard information as required on the pesticide label: CAUTION - HARMFUL if swallowed. Causes moderate eye irritation.

16. OTHER INFORMATION

NFPA Rating Health - 2 Flammability - 0 Instability - 0

MSDS Prepared By Virox Technologies Inc.

Phone No. (800) 387-7578

Date of Preparation February 01, 2013

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 the OSHA Hazard Communication Standards.

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