

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

**Product Name:** Accel (Concentrate)  
**Product Use:** Disinfectant Cleaner  
**DOT Classification:** Not regulated as dangerous goods.  
**Manufacturer/Supplier:** Virox Technologies Inc.  
2770 Coventry Road  
Oakville, ON L6H 6R1 CA  
Phone (905) 813-0110

| LEGEND<br>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    | 2.5 - 10   | 1 ppm - TWA      | 1 ppm - TWA      | Not available | 75 mg/kg rat; 2000 mg/kg mouse |

**Composition Comments:** Active ingredients are listed above.  
This product is listed on the U.S. EPA TSCA Inventory.  
EPA registration number 74559-4

## SECTION III - PHYSICAL DATA

|                             |                         |   |               |
|-----------------------------|-------------------------|---|---------------|
| <b>Boiling Point:</b>       | Not available           | <b>Specific Gravity:</b>                      | 1.038         |
| <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>                                    | 1.0           |
| <b>Physical State:</b>      | Liquid                  | <b>Viscosity:</b>                             | 2.3 (1:16)    |
| <b>Appearance:</b>          | Clear, colorless Liquid | <b>Odor Threshold:</b>                        | Not available |
| <b>Odor:</b>                | Characteristic          |   |               |

## SECTION IV - FIRE AND EXPLOSION DATA

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

## SECTION V - REACTIVITY DATA

**Conditions for Chemical Instability:** This product is stable.  
**Incompatible Materials:** Oxidizing agents.  
**Reactivity, and Under What Conditions:** Do not mix with chlorinated products.  
**Hazardous Decomposition Products:** Decomposition releases oxygen which may intensify fire.

## SECTION VI - TOXICOLOGICAL PROPERTIES

**Route of Entry:** Eye, Skin contact, Inhalation, Ingestion.  
**EFFECTS OF ACUTE EXPOSURE:**  
    **Eye:** Moderately irritating to the eyes.

**Skin:** May be mildly irritating to skin. Dermal LD50 estimated to be >2000 mg/kg  
**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 OSHA criteria.  
**Carcinogenicity:** Non-hazardous by OSHA criteria.  
**Teratogenicity:** Non-hazardous by OSHA criteria.  
**Mutagenicity:** Non-hazardous by OSHA criteria.  
**Reproductive Effects:** Non-hazardous by 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:** Safety goggles or glasses.  
**Respiratory Protection:** Not normally required if good ventilation is maintained and exposure guidelines are not exceeded.  
**Other Protective Equipment:** As required by employer code.  
**Engineering Controls:** General ventilation normally adequate.  
**Leak and Spill Procedure:** Before attempting clean up, refer to hazard data given above. Large spills, greater than 5 gallons, 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 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 reach of children. Avoid storage at elevated temperatures.

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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:** If able to swallow, have person sip a glass of water. Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention immediately.

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**SECTION IX - PREPARATION INFORMATION**

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

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