



MATERIAL SAFETY DATA SHEET

1.0 PRODUCT AND COMPANY IDENTIFICATION

Product Name: ACCEL HLD 5
Product Use: Chemosterilant and
High Level Disinfectant
Manufacturer/Supplier: Virox
Technologies Inc.
Address: 2770 Coventry Road
Oakville, Ontario
L6H 6R1

Legend		HMIS		NFPA
Severe	4	Health	1	1
Serious	3	Fire Hazard	0	0
Moderate	2	Reactivity	0	0
Slight	1	Personal	B	
Minimal	0	Protection		

Phone #: (905) 813-0110

Date MSDS Prepared: June 7, 2011

2.0 INFORMATION ON INGREDIENTS

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

3.0 PHYSICAL DATA

Physical State: Liquid
Appearance: Clear, slightly yellow liquid
pH: 2.3 - 2.8
Viscosity: Water thin
Boiling Point: Not available
Vapour Pressure: Not available
Evaporation Rate: Not available
Coefficient of Water/Oil
Distribution: Not available

Odour: Not available
Density: 1.028-1.032 Kg/L @25°C
Solubility in Water: Complete
Odour Threshold: Not available
Freezing Point: Not available
Vapour Density: Not available
VOC (% as)*: 0 %

*-Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Productions, Sections 94508

4.0 FIRE AND EXPLOSION DATA

Flammability: Not flammable by WHMIS/OSHA criteria.
Means of extinction: This product is not flammable. Treat for surrounding material.
Flash point: None
Auto-Ignition Temperature: Not applicable
Explosion Data- Sensitivity to Impact: Not applicable
Explosion Data- Sensitivity to Static Discharge: Not applicable
Hazardous Combustion Products: Decomposition releases oxygen which may intensify fire.
Special Fire Hazards: As any fire, firefighters should wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

5.0 REACTIVITY DATA

Chemical Stability: This product is stable under recommended storage conditions.

Incompatible Materials: Acids. Bases. Oxidizers. Reducing agents.

Reactivity: Do not mix with chlorinated products or other cleaning and disinfecting chemicals.

Hazardous Decomposition Products: Decomposition releases oxygen which may intensify fire.

6.0 TOXICOLOGICAL PROPERTIES

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

Effects of Acute Exposure:

Eye contact: Mildly irritating to eyes.

Skin contact: May cause slight skin irritation.

Inhalation: None known.

Ingestion: Estimated oral LD50 is greater than 2000mg/kg. Therefore the product is considered not to present a significant acute toxic risk if swallowed.

Effects of Chronic Exposure:

Skin Sensitization: Not a skin sensitizer.

Dermal Toxicity: Non-hazardous by WHMIS criteria.

Irritancy: Causes mild eye irritation and may cause slight skin irritation. Prolonged or repeated exposure to skin can cause drying, defatting and dermatitis.

Respiratory Tract Sensitization: Non-hazardous by WHMIS criteria.

Specific effects

Carcinogenicity: Non-hazardous by WHMIS criteria.

Teratogenicity: Non-hazardous by WHMIS criteria.

Mutagenicity: Non-hazardous by WHMIS criteria.

Reproductive Effects: Non-hazardous by WHMIS criteria.

Synergistic Materials: None known.

7.0 PREVENTIVE MEASURES

Personal Protective Equipment

Hand Protection: Natural or butyl rubber, nitrile or neoprene gloves.

Eye Protection: Safety goggles or glasses.

Skin and Body Protection: No special requirements under normal use conditions.

Respiratory Protection: Not normally required if good ventilation is maintained and exposure guidelines are not exceeded.

Other protective equipment: Handle in accordance with good industrial hygiene and safety practice.

Engineering Controls: General ventilation normally adequate.

Leak and Spill Procedure: Before attempting to clean up, refer to hazard data given above. Small spills (<5 gallons) can be flushed into sewage system in accordance with local regulations. Prevent large spills (>5 gallons) from entering sewers or waterways. Use non-reactive absorbent and place in suitable, covered, labelled containers. Contact emergency services and supplier for advice.

Waste Disposal: Review federal, provincial, and local government requirements prior to disposal.

Handling Requirements: Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

Storage Requirements: Keep out of reach of children. Store in a closed container, avoiding storage under direct sunlight and at elevated temperatures.

Shipping Information / TDG Classification: Not regulated as dangerous goods.

8.0	FIRST AID MEASURES
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Eye: Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical assistance if irritation develops or persists.

Skin: Flush with cool water. Wash with soap and water. Obtain medical attention if irritation develops or persists.

Inhalation: Not a normal route of exposure.

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.

9.0	PREPARATION INFORMATION
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Date: June 7, 2011

MSDS Prepared by: Virox Technologies Inc

Telephone: 1-800-387-7578

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