



MATERIAL SAFETY DATA SHEET

1.0 PRODUCT IDENTIFICATION

Product Name:
Prevention Concentrate Use Solution
(1:40 and higher)

Product Use: One Step Disinfectant
Cleaner

Manufacturer / Supplier: Virox
Technologies Inc.

Address: 2770 Coventry Road
Oakville, Ontario
L6H 6R1

Phone #: (905) 813-0110

Legend		HMIS		NFPA
Sever	4	Health	0	0
Serious	3	Fire Hazard	0	0
Moderate	2	Reactivity	0	0
Slight	1	Personal	None	
Minimal	0	Protection		

2.0 HAZARDOUS INGREDIENTS

Hazardous components None

3.0 PHYSICAL DATA

Physical State: Liquid

Appearance: Clear, colourless solution

pH: 2-3

Viscosity: Water thin

Boiling Point: Not available

Vapour Pressure: Not available

Evaporation Rate: Not available

Coefficient of Water / Oil

Distribution: Not available

Odour: Characteristic

Density: 1.00 Kg/L @20°C

Solubility in Water: Complete

Odour Threshold: Not available

Freezing Point: Not available

Vapour Density: Not available

VOC: % as 0.0% *

*-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: Treat for surrounding material.

Flash point: >200°F (93.4°C)

Auto-Ignition Temperature: Not applicable.

Explosion Data- Sensitivity to Impact: Not applicable.

Explosion Data- Sensitivity to Static Discharge: Not applicable.

Hazardous Combustion Products: None known.

Special Fire Hazards: As in 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.

Incompatible Materials: Do not mix with bleach.

Reactivity: Do not mix with any other cleaning or disinfecting product.

Hazardous Decomposition Products: Not reasonably foreseeable.

6.0 TOXICOLOGICAL PROPERTIES

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

Effects of Acute Exposure:

Eye contact: Non-irritating by WHMIS criteria.

Skin contact: Non-irritating based on test data.

Inhalation: None known.

Ingestion: This product is non-toxic by OECD criteria (Oral LD50 estimated to be greater than 5000 mg/kg). Like any product not designed to be ingested, this product may cause stomach distress if ingested in large quantities.

Effects of Chronic Exposure:

Skin Sensitization: Not a skin sensitizer.

Dermal Toxicity: Non-hazardous by WHMIS criteria (Dermal LD50 estimated to be greater than 5050 mg/kg).

Irritancy: Non-hazardous by WHMIS criteria.

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: No special requirements under normal use conditions.

Eye Protection: No special requirements under normal use conditions.

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

Respiratory Protection: No special requirements under normal use conditions.

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

Engineering Controls: General ventilation normally adequate.

Leak and Spill Procedure: 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. Contact manufacturer/supplier for advice on large spills.

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: Protect from freezing and avoid storage at elevated temperatures. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

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

8.0 FIRST AID MEASURES

Eye: Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical assistance if irritation persists.

Skin: Flush with cool water if irritation develops.

Inhalation: No specific first aid measures are required.

Ingestion: No specific first aid measures are required.

9.0 PREPARATION INFORMATION

Date: May 26, 2011

MSDS Prepared by: Virox Technologies Inc

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