



MATERIAL SAFETY DATA SHEET

1.0 PRODUCT AND COMPANY IDENTIFICATION

Product Name: PeroxiGard (Concentrate)

Product Use: Disinfectant Cleaner

Manufacturer/Supplier: Virox Technologies Inc.

Address: 2770 Coventry Road
Oakville, Ontario
L6H 6R1

Phone #: (905) 813-0110

Date MSDS Prepared: June 7, 2011

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

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, colourless liquid

pH: 0.5 - 0.9

Viscosity: Not available

Boiling Point: Not available

Vapour Pressure: Not available

Evaporation Rate: Not available

Coefficient of Water/Oil

Distribution: Not available

Odour: Odourless

Density: 1.067-1.071 Kg/L @25°C

Solubility in Water: Not available

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: Treat for surrounding material.

Flash point: Not available

Auto-Ignition Temperature: Not available

Explosion Data- Sensitivity to Impact: Not available

Explosion Data- Sensitivity to Static Discharge: Not available

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: Oxidizers. Acids. Caustics/ Reducing agents.

Reactivity: Do not mix with chlorinated products.

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: Corrosive. Causes severe irritation or chemical burns.

Skin contact: May be mildly irritating to skin.

Inhalation: Not a normal route of exposure.

Ingestion: Harmful if swallowed. May cause chemical burns to mouth, throat and stomach.

Effects of Chronic Exposure:

Skin Sensitization: Not a skin sensitizer.

Dermal Toxicity: Non-hazardous by WHMIS criteria.

Irritancy: Can cause severe eye irritation.

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, do not get this material in your eyes, on

your skin, or on your clothing. Wash hands before breaks and immediately after handling the product.

Storage Requirements: Keep out of reach of children. Store in a closed container away from incompatible materials. Avoid storage at elevated temperatures.

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 for 15 minutes. Obtain medical assistance if irritation develops or persists.

Skin: Flush with water immediately. 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: 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

Date: June 7, 2011

MSDS Prepared by: Virox Technologies Inc

Telephone: 1-800-387-7578

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