



MATERIAL SAFETY DATA SHEET

1.0 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Optim 33 TB Wipes with Aloe Vera

Product Use: Disinfectant Cleaner

Manufacturer: Virox Technologies Inc

Address: 2770 Coventry Road
Oakville, Ontario L6H 6R1
Phone: (905) 813-0110

Supplier: SciCan Ltd.

Address: 1440 Don Mills Road
Toronto, Ontario M3B 3P9

Date MSDS Prepared: Aug. 16, 2011

Legend		HMIS		NFPA
Severe	4	Health	0	0
Serious	3	Fire Hazard	0	0
Moderate	2	Reactivity	0	0
Slight	1	Personal	n/a	
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: Solid

Appearance: Clear, colourless liquid saturated on wipe

Viscosity: Water thin

Boiling Point: 100°C (212.00°F)

Vapour Pressure: Not available

Evaporation Rate: Not available

Coefficient of Water/Oil

Distribution: Not available

Odour: Aloe Vera

Density: 1.005 – 1.015kg/L @ 20°C

pH: 2.5 – 3.5

Odour Threshold: Not available

Freezing Point: Not available

Vapour Density: Not available

VOC (% as): 0.0%

Solubility in Water: Complete

*-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 criteria.

Means of extinction: This product is not flammable. 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: Firefighters should wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

5.0 REACTIVITY DATA

Chemical Stability: Stable.

Incompatible Materials: Hazardous vapours may be produced when mixed with chlorinated detergents or sanitizers.

Reactivity: Do not mix with chlorinated products.

Hazardous Decomposition Products: None known.

6.0 TOXICOLOGICAL PROPERTIES

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

Effects of Acute Exposure:

Eye contact: Non-irritating based on test data.

Skin contact: Non-irritating based on test data.

Inhalation: Not a normal route of exposure. LC50 (Albino rat) is estimated to be greater than 20mg/L².

Ingestion: Oral LD50 estimated greater than 5000mg/kg (Albino rat). 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 2000mg/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 practices.

Engineering Controls: General ventilation normally adequate.

Leak and Spill Procedure: Before attempting clean up, refer to hazard data given above. Never flush these wipes into toilets. Discard in solid waste bin. Towelletes contaminated with blood or body fluids should be disposed of according to Federal, Provincial, and local Regulations for infectious waste disposal.

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

Handling Requirements: Handle in accordance with good industrial hygiene and safety practices. Do not smoke, eat, or drink in handling area. Do not get this material in your eyes, on your skin or on your clothing.

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: August 16, 2011

MSDS Prepared by: Virox Technologies Inc

Telephone: 1-800-387-7578

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