

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

**Product Name/Part No.:** Optim 33 TB Wipes (US) / OPT33-12W  
**Product Use:** Disinfectant Cleaner  
**DOT Classification:** Not regulated as dangerous goods.  
**Manufacturer:** Virox Technologies Inc.      **Supplier:** SciCan Inc.  
2770 Coventry Road                              701 Technology Drive  
Oakville, ON L6H 6R1 CA                      Canonsburg, PA 15317  
Phone (905) 813-0110                              Phone: 1 800-667-7733

LEGEND HMIS		Health	Flammability	Physical Hazard	Personal Protection
Severe	4	/	0	0	
Serious	3				
Moderate	2				
Slight	1				
Minimal	0				

## SECTION II - HAZARDOUS INGREDIENTS

**Composition Comments:** This product is listed on the U.S. EPA TSCA Inventory.  
EPA registration number 74559-3-83259

## SECTION III - PHYSICAL DATA

<b>Boiling Point:</b>	Not applicable	<b>Specific Gravity:</b>	1.015 @ 20°C
<b>Freezing Point:</b>	Not applicable	<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>	Not applicable	<b>pH (for solution):</b>	2.5 - 3.5
<b>Physical State:</b>	Wet wipes	<b>Viscosity (for solution):</b>	1.122 cSt @ 20°C
<b>Appearance:</b>	Clear colorless liquid saturated on wipes	<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 (>93.3°C)      **LEL:** Not applicable      **UEL:** Not applicable  
**Hazardous Combustion Products:** None known  
**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:** Stable.  
**Incompatible Materials:** Do not mix with bleach or any other chemical.  
**Reactivity, and Under What Conditions:** Do not mix with other chemicals.  
**Hazardous Decomposition Products:** None reasonably foreseeable.

## SECTION VI - TOXICOLOGICAL PROPERTIES

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

### EFFECTS OF ACUTE EXPOSURE:

**Eye:** Non-irritating by OSHA and EPA OPPTS criteria.  
**Skin:** Non-irritating by OSHA and EPA OPPTS criteria.  
**Inhalation:** Not a normal route of exposure. LC50 (albino rats) greater than 2.59 mg/L  
**Ingestion:** Oral LD50 (albino rats) greater than 5000 mg/Kg as per EPA OPPTS test. Like any product not designed to be ingested, this product may cause stomach distress if ingested in large quantities.

### EFFECTS OF CHRONIC EXPOSURE:

**Skin:** Non-hazardous by OSHA criteria.  
**Irritancy:** Non-hazardous by OSHA criteria.

<b>Respiratory Tract Sensitization:</b>	Non-hazardous by OSHA criteria.
<b>Carcinogenicity:</b>	Non-hazardous by OSHA criteria.
<b>Teratogenicity:</b>	Non-hazardous by OSHA criteria.
<b>Mutagenicity:</b>	Non-hazardous by OSHA criteria.
<b>Reproductive Effects:</b>	Non-hazardous by OSHA criteria.
<b>Synergistic Materials:</b>	Not available

## SECTION VII - PREVENTATIVE MEASURES

<b>Gloves:</b>	Not normally required.
<b>Eye Protection:</b>	Not normally required.
<b>Respiratory Protection:</b>	Not normally required.
<b>Other Protective Equipment:</b>	As required by employer code.
<b>Engineering Controls:</b>	General ventilation normally adequate.
<b>Leak and Spill Procedure:</b>	Before attempting cleanup, refer to hazard data given above. Never flush these wipes into toilets. Discard in soiled waste bin. Towellettes contaminated with blood or body fluids should be disposed of according to federal, state, and local regulations for infectious waste disposal.
<b>Waste Disposal:</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
<b>Handling Requirements:</b>	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.
<b>Storage Requirements:</b>	Keep out of reach of children. Store in a closed container away from incompatible materials. Avoid storage at elevated temperatures.

## SECTION VIII - FIRST AID

<b>Eye:</b>	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
<b>Skin:</b>	Obtain medical attention if irritation develops or persists.
<b>Inhalation:</b>	Not a normal route of exposure.
<b>Ingestion:</b>	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.

## SECTION IX - PREPARATION INFORMATION

**Effective Date:** 21-September-2009

**Expiry Date:** 21-September-2012

**Prepared By:** Virox Technologies Inc. (905) 813-0110

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.