

## Optim 33 TB (US)

### SECTION 1. IDENTIFICATION

**Product Identifier** Optim 33 TB (US)  
**Recommended Use** Ready To Use Disinfectant Cleaner.  
**Supplier** SciCan Ltd, 1440 Don Mills road, Toronto, ON, M3B 3P9, 1-800-667-7733  
**Emergency Phone No.** SciCan Ltd, 1-800-667-7733  
**SDS No.** 050707

### SECTION 2. HAZARDS IDENTIFICATION

**GHS Classification**

Not classified under any GHS hazard classes.

**GHS Label Elements**

Not applicable

**Other Hazards**

The product contains no substances which at their given concentration are considered to be hazardous to health.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Hydrogen peroxide	7722-84-1	0.5	

**Notes**

Active ingredients are listed above. EPA Registration Number 74559-1-83259

### SECTION 4. FIRST-AID MEASURES

**First-aid Measures**

**Inhalation**

No specific first aid measures are required.

**Skin Contact**

No specific first aid measures are required.

**Eye Contact**

Flush with cool water. Remove contact lenses, if applicable, and continue washing.

Obtain medical attention if irritation develops or persists.

**Ingestion**

No specific first aid measures are required.

### SECTION 5. FIRE-FIGHTING MEASURES

**Extinguishing Media**

**Suitable Extinguishing Media**

Not combustible. Use extinguishing agent suitable for surrounding fire.

**Unsuitable Extinguishing Media**

None known.

**Specific Hazards Arising from the Chemical**

None known.

**Special Protective Equipment and Precautions for Fire-fighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

Before attempting clean-up, refer to hazard data. Large spills (greater than 5 gallons): prevent large spills from entering surface water ways.

### Methods and Materials for Containment and Cleaning Up

Small spills or leaks: (< 5 gallons) can be flushed into sewage system in accordance with local regulations. Diluted product can be flushed to sanitary sewer. Use water rinse for final cleanup.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Use good industrial hygiene practices in handling this material. Prevent accidental contact with incompatible materials.  
FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

### Conditions for Safe Storage

Store in an area that is out of direct sunlight. Avoid Storage at elevated temperatures. KEEP OUT OF REACH OF CHILDREN.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Appropriate Engineering Controls

No specific ventilation requirements.

### Individual Protection Measures

#### Eye/Face Protection

No special requirements under normal use conditions.

#### Skin Protection

No special requirements under normal use conditions.

#### Respiratory Protection

No special requirements under normal use conditions.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear colourless.
Odour Threshold	Not available
pH	2.5 - 3.5
Melting Point/Freezing Point	Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	> 200 °F (93 °C)
Evaporation Rate	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.015 at 20 °C
Solubility	Soluble in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Viscosity	1.122 centistokes at 20 °C (kinematic)
Other Information	
Physical State	Liquid

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**% Volatile** 0.0%  
**Odour** Faint, Characteristic Odour

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive.

### Chemical Stability

This product is stable.

### Incompatible Materials

Do not mix with concentrated bleach products.

### Hazardous Decomposition Products

None reasonably foreseeable.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Eye contact; skin contact; ingestion; inhalation.

### Acute Toxicity

LC50 (Inhalation) > 2.59 mg/L

LD50 (Oral) estimated to be > 5000 mg/kg

LD50 (Dermal) > 5000 mg/kg (Rabbit)

### Skin Corrosion/Irritation

Non-irritating by OSHA / EPA OPPTS criteria.

### Serious Eye Damage/Irritation

Non-irritating by OSHA / EPA OPPTS criteria.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

Non-hazardous by OSHA criteria.

#### Skin Absorption

Non-hazardous by OSHA criteria.

#### Ingestion

Non-Hazardous by OSHA criteria.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

Non-hazardous by WHMIS/OSHA criteria.

### Respiratory and/or Skin Sensitization

Non-hazardous by OSHA criteria.

### Carcinogenicity

Non-hazardous by OSHA criteria.

### Reproductive Toxicity

#### Development of Offspring

Non-hazardous by OSHA criteria.

#### Sexual Function and Fertility

Non-hazardous by OSHA criteria.

### Germ Cell Mutagenicity

Non-hazardous by OSHA criteria.

### Interactive Effects

None known.

## SECTION 12. ECOLOGICAL INFORMATION

This section is not required by OSHA.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Review the STORAGE and DISPOSAL instructions on product label prior to disposal.

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

**Special Precautions** Not applicable

### for User

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

##### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

#### USA

##### Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

##### Additional USA Regulatory Lists

US Regulations:

EPA Registration No.: 74559-1-83259.

This chemical is a pesticide product registered by the US Environment Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for Safety Data Sheets (SDS) and for workplace labels for non-pesticide chemicals. The following is the hazard information as required on the pesticide label: KEEP OUT OF REACH OF CHILDREN.

## SECTION 16. OTHER INFORMATION

**HMIS Rating**                      **Health - 0**    **Flammability - 0**                      **Physical Hazard - 0**

**SDS Prepared By**                      Virox Technologies Inc.

**Phone No.**                                      (800) 387-7578

**Date of Preparation**                      May 30, 2014

**Disclaimer**                      For an updated MSDS please contact the supplier/manufacturer listed on the first page of this document. Information contained herein with was obtained from sources considered technically accurate and reliable. While every efforts have 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 the material have been fully trained according to the requirement of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and manufacturer/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. The contents of this document have been prepared in accordance with the GHS (Globally Harmonized System of Classification and Labelling of Chemicals) and OSHA HCS (2012).

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