

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

077632961

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

075926217 077406168 077632979 273040128

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

075926118

## Optim 33 TB

### SECTION 1. IDENTIFICATION

**Product Identifier** Optim 33 TB  
**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.** 050714

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Not classified under any GHS hazard classes.

#### GHS Label Elements

**Signal Word:** None

**Hazard Pictogram:** None

**Hazard Statement (s):** None

#### Precautionary Statement (s):

**Prevention:** Wash thoroughly after handling. See section 8 for Individual Protective Measures information.

**Response:** IF IN EYES: Get medical attention if symptoms appear. See section 4 First Aid Measures for Eye Contact.

**Storage:** No other specific measures identified. See section 7 for Handling and Storage information.

**Disposal:** See section 13 for Waste Disposal information.

#### 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	

### 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.

## 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

Large spills (greater than 5 gallons): prevent large spills from entering surface water ways.

### Methods and Materials for Containment and Cleaning Up

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

### Exposure Guidelines

Chemical Name	ACGIH		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Hydrogen Peroxide	1 ppm		1 ppm			

### 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

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<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Viscosity</b>	1.122 centistokes at 20 °C (kinematic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid
<b>% Volatile</b>	0.0%
<b>Odour</b>	Faint, Characteristic Odour

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive.

### Chemical Stability

This product is stable.

### Conditions to Avoid

High temperatures.

### 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

### Skin Corrosion/Irritation

Not classified under GHS criteria.

### Serious Eye Damage/Irritation

Not classified under GHS criteria.

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

#### Inhalation

Not classified under GHS criteria.

#### Skin Absorption

Not classified under GHS criteria.

#### Ingestion

Not classified under GHS criteria.

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

Not classified under GHS criteria.

### Respiratory and/or Skin Sensitization

Not classified under GHS criteria.

### Carcinogenicity

Not classified under GHS criteria.

### Reproductive Toxicity

#### Development of Offspring

Not classified under GHS criteria.

#### Sexual Function and Fertility

Not classified under GHS criteria.

#### **Germ Cell Mutagenicity**

Not classified under GHS criteria.

#### **Interactive Effects**

None known.

### **SECTION 12. ECOLOGICAL INFORMATION**

This section is not required by Hazardous Product Regulations.

### **SECTION 13. DISPOSAL CONSIDERATIONS**

#### **Disposal Methods**

Review federal, provincial and local government requirements 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**

**IMO/IMDG clarification:** Not regulated.

### **SECTION 15. REGULATORY INFORMATION**

#### **Safety, Health and Environmental Regulations**

##### **Canada**

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

All ingredients are listed or exempted

##### **Additional Canadian Regulatory Lists**

WHMIS exempt - DIN 02282488

### **SECTION 16. OTHER INFORMATION**

<b>HMIS Rating</b>	<b>Health - 0</b>	<b>Flammability - 0</b>	<b>Physical Hazard - 0</b>
<b>SDS Prepared By</b>	Virox Technologies Inc.		
<b>Phone No.</b>	(800) 387-7578		
<b>Date of Preparation</b>	April 23, 2015		
<b>Disclaimer</b>	For an updated SDS 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 Canadian Hazardous Products Regulations (WHMIS 2015).		

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