

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.

Product Identifier: Optim 33 TB (US)
SDS No.: 050707
Date of Preparation: May 30, 2014

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

Product Identifier: Optim 33 TB (US)

SDS No.: 050707

Date of Preparation: May 30, 2014

% 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.

Product Identifier: Optim 33 TB (US)
SDS No.: 050707
Date of Preparation: May 30, 2014

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/manufacture listed on the first page of this document. 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 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).		

Product Identifier: Optim 33 TB (US)

SDS No.: 050707

Date of Preparation: May 30, 2014

Page 04 of 04