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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>%</th>
<th>Other Identifiers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>0.5</td>
<td></td>
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</tbody>
</table>

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 COMMERIAL 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 ºF (93 ºC)

Evaporation Rate
Not available

Upper/Lower Flammability or
Not available (upper); Not available (lower)

Explosive Limit
Not available

Vapour Pressure
Not available

Vapour Density (air = 1)
Not available

Relative Density (water = 1)
1.015 at 20 ºC

Solubility
Soluble in water

Partition Coefficient, n-Octanol/Water (Log Kow)
Not available

Auto-ignition Temperature
Not available

Viscosity
1.122 centistokes at 20 ºC (kinematic)

Other Information
Physical State
Liquid
% 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.
SECTION 13. DISPOSAL CONSIDERATIONS

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

SECTION 14. TRANSPORT INFORMATION


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 registred 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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