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

<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>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>OSHA PEL</th>
<th>AIHA WEEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td>TWA 1 ppm</td>
<td>STEL 1 ppm</td>
<td>TWA 1 ppm</td>
</tr>
</tbody>
</table>

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 Not available (upper); Not available (lower)
Explosive Limit
Vapour Pressure Not available
Vapour Density (air = 1) Not available
Relative Density (water = 1) 1.015 at 20 ºC
Solubility Soluble in water

Product Identifier: Optim 33 TB
SDS No.: 050714
Date of Preparation: April 23, 2015
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.
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
Special Precautions for User
Not applicable
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
HMIS Rating
Health - 0 Flammability - 0 Physical Hazard - 0
SDS Prepared By
Virox Technologies Inc.
Phone No.
(800) 387-7578
Date of Preparation
April 23, 2015
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