Optim 33 TB with Aloe Vera

SECTION 1. IDENTIFICATION

Product Identifier: Optim 33 TB with Aloe Vera
Recommended Use: Hard Surface Cleaner and Disinfectant
Supplier Identifier: 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.: 050912

SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).
Classification
Not classified under any hazard class.
Label Elements
Not applicable

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

<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>

Notes
The product contains no substances which at their given concentration are considered to be hazardous to health. Active substance is listed above.

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 Product
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
No special precautions are necessary.
Environmental Precautions
Prevent large spills from entering sewers or waterways.

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. Use water rinse for final cleanup.

SECTION 7. HANDLING AND STORAGE
Precautions for Safe Handling
Handle in accordance with good industrial hygiene and safety practices. 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/PERSOANL PROTECTION
Control Parameters

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

Appropriate Engineering Controls
General ventilation is usually adequate.

Individual Protection Measures

Eye/Face Protection
Not required if product is used as directed.

Skin Protection
Not required if product is used as directed.

Respiratory Protection
Not required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES
Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear colourless liquid</td>
</tr>
<tr>
<td>Odour</td>
<td>Aloe Vera</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>2.5 - 3.5</td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>Not available (melting); Not available (freezing)</td>
</tr>
<tr>
<td>Initial Boiling Point/Range</td>
<td>100 °C</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 93 °C</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Upper/Lower Flammability or</td>
<td>Not available (upper)</td>
</tr>
<tr>
<td>Explosive Limit</td>
<td></td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative Density (water = 1)</td>
<td>1.005 - 1.015 at 20 °C</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in water</td>
</tr>
<tr>
<td>Partition Coefficient, n-Octanol/Water (Log Kow)</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available (kinematic); Not available (dynamic)</td>
</tr>
<tr>
<td>Other Information</td>
<td></td>
</tr>
<tr>
<td>%VOC</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

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SECTION 10. STABILITY AND REACTIVITY

Chemical Stability
This product is stable.

Possibility of Hazardous Reactions
Decomposition releases oxygen which may intensify fire.

Conditions to Avoid
High temperatures. Refer to incompatible materials.

Incompatible Materials
Do not mix with concentrated bleach products. Do not mix with any other cleaning or disinfecting products.

Hazardous Decomposition Products
None known.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure
Inhalation; skin contact; eye contact; ingestion.

Acute Toxicity
LC50 (Inhalation): >117mg/L
LD50 (Oral): >5000mg/kg
LD50 (Dermal): >5050mg/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 a respiratory sensitizer. Not a skin sensitizer.

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.

Effects on or via Lactation
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 WHMIS.
SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods
Diluted product can be flushed to sanitary sewer. Review federal, provincial and local government requirements prior to disposal.

SECTION 14. TRANSPORT INFORMATION


Special Precautions Not applicable
Other Information Not regulated under IMO/IMDG.

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.

Additional Canadian Regulatory Lists
WHIMIS 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 24, 2017
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