Peroxigard™ Ready to Use
One-Step Disinfectant Cleaner & Deodorizer for Use in Life Sciences

SECTION 1. IDENTIFICATION
Product Identifier: Peroxigard™ Ready to Use (US)
Recommended Use: Disinfectant Cleaner.
Manufacturer/Supplier Identifier:
Virox Technologies Inc., 2770 Coventry Rd., Oakville, ON, L6H 6R1, 905-813-0110
Emergency Phone No.: Virox Technologies Inc., 1-800-387-7578
SDS No.: 003552

SECTION 2. HAZARD IDENTIFICATION
Classified according to the US Hazard Communication Standard (HCS 2012)
Classification:
Not classified under any hazard class.
Label Elements:
Signal Word:
None.
Hazard Pictogram:
None.
Hazard Statement(s):
None.
Precautionary Statement(s):
None.
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
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:
Active ingredient is listed above. EPA Reg. No.: 74559-9.

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.
If eye irritation persists, get medical advice or attention.
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.

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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
Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions
Before attempting clean-up, refer to hazard data. 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. 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. 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

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>TWA</td>
<td>STEL</td>
<td>Ceiling</td>
</tr>
<tr>
<td></td>
<td>1 ppm</td>
<td></td>
<td>1 ppm</td>
</tr>
</tbody>
</table>

Appropriate Engineering Controls
No specific ventilation requirements.

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

Appearance
Clear colourless liquid

Odour
Light almond odour

Odour Threshold
Not available

pH
2.0 - 2.5

Melting Point/Freezing Point
Not available (melting); Not available (freezing)

Initial Boiling Point/Range
Not available

Flash Point
> 200 °F (93 °C)

Evaporation Rate
Not available

Flammability (solid, gas)
Not applicable

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

Explosive Limit

Vapour Pressure
Not available

Vapour Density (air = 1)
Not available

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Relative Density (water = 1) 1.006 at 20 ºC
Solubility Soluble in water
Partition Coefficient, Not available
n-Octanol/Water (Log Kow) Not available
Auto-ignition Temperature Not available
Decomposition Temperature Not available
Viscosity 1.09 centistokes at 20 ºC (kinematic)

SECTION 10. STABILITY AND REACTIVITY

Reactivity
Not reactive.

Chemical Stability
This product is stable.

Possibility of Hazardous Reactions
Hazardous polymerization will not occur.

Conditions to Avoid
Prolonged exposure to high temperatures.

Incompatible Materials
Do not mix with concentrated bleach products. Copper and Brass.

Hazardous Decomposition Products
None known.

SECTION 11. TOXICOLOGICAL INFORMATION

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

Acute Toxicity
LC50 (Inhalation): >2.08 mg/L
LD50 (Oral): >5000 mg/kg
LD50 (Dermal): >5050 mg/kg

Skin Corrosion/Irritation
Not a skin irritant.

Serious Eye Damage/Irritation
Not an eye irritant.

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 OSHA HCS 2012.

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.

Other Information
Not regulated under IMO/IMDG.

SECTION 15. REGULATORY INFORMATION
Safety, Health and Environmental Regulations
USA

Toxic Substances Control Act (TSCA) Section 8(b)
All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

Additional USA Regulatory Lists
SARA 302/304/311/312 Extremely hazardous substances: No listed substance
SARA 302/304 Emergency planning and notification: No listed substance
EPA Registration No.: 74559-9
California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

Special Precautions
Not applicable.

Other Information
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This chemical is a pesticide product registered by the US Environmental Protection Agency and is subject to certain labelling 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

Additional Information
For an updated SDS please contact the supplier/manufacturer 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 this 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 OSHA Hazard Communication Standards (2012).