Rescue™ Concentrate Use Dilution (1:64 and Higher)

SECTION 1. IDENTIFICATION
Product Identifier: Rescue Concentrate Use Dilution (1:64 and Higher)
Recommended Use: Hard Surface Cleaner and Disinfectant.
Manufacturer: 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.: 002240D2

SECTION 2. HAZARDS IDENTIFICATION
Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and 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.

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>&lt;0.1</td>
<td></td>
</tr>
</tbody>
</table>

Active ingredients are listed above. EPA Reg. No. 74559-4.

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 surface water ways.

Methods and Materials for Containment and Cleaning Up
Use water rinse for final cleanup. Diluted product can be flushed to sanitary sewer.

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></td>
<td>TWA</td>
<td>STEL</td>
<td>TWA</td>
</tr>
<tr>
<td>Hydrogen Peroxide</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.
Odour                Faint, characteristic odour
Odour Threshold      Not available
pH                   ~2.3
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 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) 1.00 at 68 °F (20 °C)
Solubility           Soluble in water
Partition Coefficient, n-Octanol/Water (Log Kow) Not available

Product Identifier: Rescue Concentrate Use Dilution (1:64 and Higher)  SDS No.: 002240D2
Date of Preparation: October 13, 2015  Page 02 of 08
Date of Last Revision May 31, 2021
Auto-ignition Temperature  Not available
Decomposition Temperature  Not available
Viscosity  Not available
Other Information
Elemental Phosphorus  0% by weight

SECTION 10. STABILITY AND REACTIVITY

Reactivity
Not reactive.

Chemical Stability
This product is stable.

Possibility of Hazardous Reactions
None known.

Conditions to Avoid
Prolonged exposure to high temperatures.

Incompatible Materials
Oxidizing agents (e.g. peroxides), strong bases (e.g. sodium hydroxide), reducing agents (e.g. hydroquinone). Copper and brass. Ferrous materials such as galvanized iron and heavy metals. 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): >20 mg/L
LD50 (Oral): >5000 mg/kg
LD50 (Dermal): >5000 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
Environmental Information: No data available.

### SECTION 13. DISPOSAL CONSIDERATIONS
Diluted product can be flushed to sanitary sewer.

RCRA Hazard Class (Diluted Product): Not Classified

### 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 or exempt.

**USA**

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

**Other U.S. Federal Regulations**

SARA 302/304 extremely hazardous substances: No listed substance.

SARA 302/304 emergency planning and notification: No listed substance.

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65.

### SECTION 16. OTHER INFORMATION

**NFPA Rating**
Health - 0   Flammability - 0   Instability - 0

**SDS Prepared By**
Virox Technologies Inc.

**Phone No.**
(800) 387-7578

**Date of Preparation**
October 13, 2015

**Date of Last Revision**
May 31, 2021

**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 Canadian Hazardous Products Regulations (WHIMIS 201) and GHS (Globally Harmonized System of Classification and Labelling of Chemicals).
Rescue Concentrate (US)
One Step Disinfectant Cleaner & Deodorizer

SECTION 1. IDENTIFICATION
Product Identifier: Rescue Concentrate (US)
Recommended Use: Concentrated Hard Surface Cleaner and Disinfectant.
Manufacturer: 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.: 002240

SECTION 2. HAZARD IDENTIFICATION
Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012)
Classification
Eye irritation - Category 2B
Label Elements
Signal Word: Warning
Hazard Statement(s):
Causes eye irritation.
Precautionary Statement(s):
Prevention: Wash hands and skin thoroughly after handling.
Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Storage: See Section 7 for Handling and Storage information.
Disposal: See Section 13 for Waste Disposal information.

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>4.25</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 4. FIRST-AID MEASURES
First-aid Measures
Inhalation
Not a normal route of exposure.
Skin Contact
Remove contaminated clothing and thoroughly flush affected areas with lukewarm water. Obtain medical attention if irritation develops or persists.
Eye Contact
Flush with cool water for 10-15 min. Remove contact lenses, if applicable, once flushing has begun. If eye irritation persists, get medical advice/attention.
Ingestion
Rinse mouth with water. NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Do NOT induce vomiting. Call a Poison Centre or doctor if you feel unwell.

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
Decomposition releases oxygen, which may intensify fire.

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. Review federal, provincial and local government requirements prior to disposal. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Methods and Materials for Containment and Cleaning Up
Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Use water rinse for final cleanup.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling
Avoid contact with eyes, skin and clothing. Prevent accidental contact with incompatible materials. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Conditions for Safe Storage
Keep container tightly closed in a dry and well-ventilated place. Store in an area that is out of direct sunlight and away from heat and ignition sources. 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
Safety goggles or glasses.

Skin Protection
Wear appropriate chemical resistant gloves.

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
Faint, characteristic odour.

Odour Threshold
Not available

pH
~1.0

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

Initial Boiling Point/Range
Not available

Flash Point
> 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) 1.019 - 1.054 at 25 °C
Solubility Very soluble (more than 50 g/100 mL) in water
Partition Coefficient, Not available
n-Octanol/Water (Log Kow) Not available
Auto-ignition Temperature Not available
Other Information Elemental Phosphorus 0% by weight

SECTION 10. STABILITY AND REACTIVITY
Reactivity
Not reactive.
Chemical Stability
This product is stable.
Possibility of Hazardous Reactions
None known.
Conditions to Avoid
Prolonged exposure to high temperatures.
Incompatible Materials
Oxidizing agents (e.g. peroxides), strong bases (e.g. sodium hydroxide), reducing agents (e.g. hydroquinone). Copper and brass. Ferrous materials such as galvanized iron and heavy metals. Do not mix with any other cleaning or disinfecting products.
Hazardous Decomposition Products
Decomposition releases oxygen, which may intensify fire.

SECTION 11. TOXICOLOGICAL INFORMATION
Likely Routes of Exposure
Skin contact; eye contact; ingestion; inhalation.
Acute Toxicity
LC50 (Inhalation): > 2 mg/L
LD50 (Oral): > 2000 mg/Kg
LD50 (Dermal): > 5000 mg/Kg
Serious Eye Damage/Irritation
Causes eye irritation.
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
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.
  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
Environmental Information: No data available.

SECTION 13. DISPOSAL CONSIDERATIONS
Review the STORAGE and DISPOSAL instructions on product label prior to disposal.
RCRA Hazard Class: D002

SECTION 14. TRANSPORT INFORMATION
Special Precautions Not applicable
Other Information Not regulated under IMO/IMDG (Marine)

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.: 74559-4
California Proposition 65: This product is not subject to the reporting requirements under California’s Proposition 65.

SECTION 16. OTHER INFORMATION
NFPA Rating
Health - 2 Flammability - 0 Instability - 0 Special Hazards - None

SDS Prepared By Virox Technologies Inc.
Phone No. (800) 387-7578
Date of Preparation August 25, 2015
Date of Last Revision May 31, 2021
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 to Canada’s Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012)