1. PRODUCT AND COMPANY IDENTIFICATION

Product name: VIROX 5 (CONCENTRATE) (CAN)

MSDS #: MS0300104

Product Code: 2963741, 53801

Recommended use: Disinfectant. Acid Cleaner. This product is intended to be diluted prior to use.

Manufacturer, importer, supplier:
US Headquarters
JohnsonDiversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-1964
Phone: 1-888-352-2249

Canadian Headquarters
JohnsonDiversey - Canada, Inc.
2401 Bristol Circle
Oakville, Ontario L6K 6P1
Phone: 1-800-668-3131

MSDS Internet Address: www.johnsondiversey.com

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Principle routes of exposure: Eye contact. Skin contact. Inhalation.

Eye contact: Corrosive. Causes permanent eye damage, including blindness.

Skin contact: May be mildly irritating to skin.

Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.

Ingestion: Corrosive. Causes burns to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>LD50 Oral - Rat (mg/kg)</th>
<th>LD50 Dermal - Rabbit</th>
<th>LC50 Inhalation - Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>7664-38-2</td>
<td>1 - 5%</td>
<td>1530</td>
<td>2730 mg/kg</td>
<td>&gt;850 mg/m³ (1 h)</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>5 - 10%</td>
<td>801</td>
<td>=2000 mg/kg</td>
<td>2 mg/L (4 h)</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for 15-20 minutes, keeping eyelids open. Get medical attention immediately.

Skin contact: Immediately flush with plenty of water. Get medical attention.

Inhalation: If breathing is affected, remove to fresh air. Get medical attention immediately.

Ingestion: If swallowed, rinse mouth. Give a cupful of water or milk. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Aggravated Medical Conditions: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

Specific hazards: Decomposition releases oxygen, which may intensify fire.

Unusual hazards: Oxidizer. Decomposition releases oxygen, which may intensify fire.

Specific methods: No special methods required

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Extinguishing media which must not be used for safety reasons: No information available
6. ACCIDENTAL RELEASE MEASURES

Personal precautions:
Use personal protective equipment

Environmental precautions and clean-up methods:
Clean-up methods - large spillage. Use appropriate containment to avoid environmental contamination. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling:
Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Mix only with water. DO NOT MIX WITH AMMONIA, BLEACH, OR OTHER CHLORINATED COMPOUNDS. Can react to release chlorine gas. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:
Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:
Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

Personal Protective Equipment

Eye protection:
Chemical-splash goggles.

Hand protection:
Chemical-resistant gloves

Skin and body protection:
If major exposure is possible, wear suitable protective clothing and footwear.

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment. A respiratory protection program that meets OSHA’s 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator’s use.

Hygiene measures:
Handle in accordance with good industrial hygiene and safety practice

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>Mexico</th>
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</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>7664-38-2</td>
<td>3 mg/m³ (STEL)</td>
<td>1 mg/m³ (TWA)</td>
<td>3 mg/m³ (STEL)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 mg/m³ (TWA)</td>
<td></td>
<td>1 mg/m³ (TWA)</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>1 ppm (TWA)</td>
<td>1 ppm (TWA)</td>
<td>2 ppm (STEL)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.4 mg/m³ (TWA)</td>
<td>3 mg/m³ (STEL)</td>
<td>1.5 mg/m³ (TWA)</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>1 ppm (TWA)</td>
<td>1 ppm (TWA)</td>
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9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State:</th>
<th>Liquid</th>
<th>Bulk density:</th>
<th>No information available</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH:</td>
<td>0.7</td>
<td>Dilution pH:</td>
<td>1.8 @ 1:16</td>
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<tr>
<td>Appearance:</td>
<td>Aqueous solution</td>
<td>Vapor density:</td>
<td>No information available</td>
</tr>
<tr>
<td>Color:</td>
<td>Clear</td>
<td>Evaporation Rate</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor:</td>
<td>Characteristic</td>
<td>Boiling point/.range:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Specific gravity:</td>
<td>1.069</td>
<td>Melting point/.range:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Density:</td>
<td>8.92 lbs/gal 1.069 Kg/L</td>
<td>Decomposition temperature:</td>
<td>Not determined</td>
</tr>
<tr>
<td>VOC:</td>
<td>0% *</td>
<td>Autoignition temperature:</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash point:</td>
<td>&gt;200°F &gt;93.4°C</td>
<td>Partition coefficient (n-octanol/water):</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility:</td>
<td>Completely Soluble</td>
<td>Solubility in other solvents:</td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>No information available</td>
<td>Elemental Phosphorus:</td>
<td>1.92% by wt.</td>
</tr>
</tbody>
</table>

Explosion limits - lower: Not determined - upper: Not determined

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

11. TOXICOLOGICAL INFORMATION

Acute toxicity:
Corrosive to eyes. Oral LD₅₀ estimated to be greater than 5000 mg/kg. Dermal LD₅₀ estimated to be > 2000 mg/kg.

Component Information:
See Section 3

Chronic toxicity:
None known

Specific effects
- Carcinogenic effects: None known
- Mutagenic effects: None known
- Reproductive toxicity: None known
- Target organ effects: None known

VIROX 5 (CONCENTRATE) (CAN) 2 of 3
10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerization does not occur
Hazardous decomposition products: Oxygen
Conditions to avoid: Do not freeze.

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes.
RCRA Hazard Class: D002

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories
At components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

U.S. Regulations
California Proposition 65: This product is not subject to the reporting requirements under California’s Proposition 65

STATE RIGHT TO KNOW

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>MARTK:</th>
<th>NJRTK:</th>
<th>PARTK:</th>
<th>RIRTK:</th>
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</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Phosphoric acid</td>
<td>7664-38-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Phosphoric acid</td>
<td>2809-21-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dodecylbenzene sulfonic acid</td>
<td>68584-22-5</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>X</td>
<td></td>
<td>X</td>
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</table>

CERCLA/ SARA

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>CERCLA/SARA RQ (lbs)</th>
<th>Section 302 TPQ (lbs)</th>
<th>Section 313</th>
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<tbody>
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<td>Phosphoric acid</td>
<td>7664-38-2</td>
<td>1 - 5%</td>
<td>5000</td>
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</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>5 - 10%</td>
<td></td>
<td>1000</td>
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</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories

Immediate: x
Delayed: -
Fire: -
Reactivity: -
Sudden Release of Pressure: -

Canada
WHMIS hazard class: Non-controlled.

DIN No.: DIN 02239828

16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: None

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