1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer
Kärcher North America, Inc.
Prochem
325 S. Price Road
Chandler, AZ 85224

Contact: Prochem
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FAX Number: 480-786-9538
E-Mail: info@prochem.com
Web www.prochem.com

Product Name: One-Step Oxy Rescue
Revision Date: March 10, 2011
MSDS Number: B418

Emergency Telephone 800-535-5053 (INFOTRAC)

2 HAZARDS IDENTIFICATION

Route of Entry: Eyes; Skin; Inhalation;
Target Organs: Eyes; Skin;
Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material.
Skin Contact: Causes irritation.
Eye Contact: Causes irritation.
Ingestion: Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.

HMIS II-ratings (scale 0-4): Health = 2, Fire = 1, Reactivity = 0
HMIS® Rating H2/F1/PH0
NFPA-ratings (scale 0-4): Health = 2, Fire = 1, Reactivity = 0

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Percent</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>7722841</td>
<td>&lt;8%</td>
<td>Hydrogen peroxide</td>
</tr>
<tr>
<td>112345</td>
<td>&lt;9%</td>
<td>Diethylene Glycol Butyl Ether</td>
</tr>
</tbody>
</table>

OSHA Regulatory Status:
This MSDS contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.
### FIRST AID MEASURES

**Inhalation:** If symptoms develop, move victim to fresh air; if symptoms persist, obtain medical attention.

**Skin Contact:** Wash with soap and water. If irritation persists consult medical personnel.

**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention.

**Ingestion:** If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

### FIRE FIGHTING MEASURES

**Flash Point:** >212°F

**Flash Point Method:** Closed Cup

Wear self-contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

### ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbent material and place into separate waste container. Ventilate area and wash spill site after material pickup is complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

### HANDLING AND STORAGE

**Handling Precautions:** Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with care and avoid spillage on the floor (slippage). Keep away from sources of ignition; wash thoroughly after handling.

**Storage Requirements:** Keep away from children. Store in cool/dry area; Keep container closed.

### EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Normal room ventilation is satisfactory for limited use.

**Protective Equipment:** HMIS PP, B | Safety glasses, Gloves

**Exposure Guidelines/Other:** Hydrogen Peroxide 7722-84-1 OSHA PEL 1 ppm/ 1.4 mg/m3

### PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear</td>
</tr>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>None</td>
</tr>
<tr>
<td>pH</td>
<td>5.84</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>N/D</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>N/D</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>N/D</td>
</tr>
<tr>
<td>Freezing/Melting Pt.</td>
<td>N/D</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble</td>
</tr>
<tr>
<td>Spec Grav./Density</td>
<td>8.61 lb/gal</td>
</tr>
</tbody>
</table>
**STABILITY AND REACTIVITY**

**Stability:** Product is stable under normal conditions.

**Conditions to avoid:** None Known

**Materials to avoid (incompatibility):** Strong Acids; Strong Bases;

**Hazardous Decomposition products:** Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.

**Hazardous Polymerization:** Will not occur.

**TOXICOLOGICAL INFORMATION**

**Toxicity Data:**

Hydrogen Peroxide 7722-84-1

- **Oral (LD 50):** 910 mg/kg - Rat
- **Inhalation (LC 50):** Not listed on RTECS
- **Skin irritation:** Severe
- **Eye irritation:** Severe
- **Sensitization:** Not considered an occupational sensitizer

Diethylene glycol butyl ether 112-34-5

- **Oral (LD 50):** 5660 mg/kg - Rat
- **Inhalation (LC 50):** Not listed on RTECS
- **Skin irritation:** Moderate
- **Eye irritation:** Severe
- **Sensitization:** Not considered an occupational sensitizer

**ECOLOGICAL INFORMATION**

Refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

**DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local regulations.

**TRANSPORT INFORMATION**

Ship in accordance with 49 CFR parts 100-185. Non-hazardous for air, sea and road freight.
15 REGULATORY INFORMATION

COMPONENT / (CAS/PERCENT) / CODES
----------------------------------------------------------------
*Hydrogen peroxide (7722841 <8%) EHS302, MASS, NJHS, OSHAPSM, OSHAWAC, PA, TSCA, TXAIR, WHMIS

*Diethylene Glycol Butyl Ether (112345 <9%) SARA313, TSCA, WHMIS

REGULATORY KEY DESCRIPTIONS
---------------------------------------------------------------
All components are listed on TSCA

EHS302 = Extremely Hazardous Substance
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHAPSM = OSHA Chemicals Requiring process safety management
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TXAIR = TX Air Contaminants with Health Effects Screening Level
WHMIS = Workplace Haz Mat Info Sys Canada

16 OTHER INFORMATION

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Prepared by:  EHS Manager  Phone Number:  [480] 899-7000

END OF MSDS DOCUMENT