MATERIAL SAFETY DATA SHEET
in accordance with 1907/2006/EC

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Name: 803 Industrial & Marine Solvent II
Date of Preparation: 6 July 2007
MSDS No. 281-9
Hazardous according to criteria of Worksafe Australia.

Company:
A.W. CHESTERTON COMPANY
860 Salem Street
Groveland, MA 01834-1507, USA
Tel.: +1 978-469-6446 Fax: +1 978-469-6785
(Mon. - Fri. 8:30 - 5:00 PM EST)
E-mail (questions): ProductMSDSs@chesterton.com
MSDS requests: www.chesterton.com

Supplier:

For Chemical Emergency:
24 hours per day, 7 days per week
Call Infotrac: 1-800-535-5053
Outside N. America: +1 352-323-3500 (collect)

Use: A high performance water based alkaline cleaner.

2. HAZARDS IDENTIFICATION

Causes burns. The principal safety hazard associated with this product is its high alkaline content (pH 13.1-13.7). If ingested in large quantities, this product could cause internal damage to the body. Wash immediately after any contact.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Ingredients¹</th>
<th>% Wt.</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>Symbol</th>
<th>R-phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Hydroxide</td>
<td>1-2</td>
<td>1310-58-3</td>
<td>215-181-3</td>
<td>C</td>
<td>22-35</td>
</tr>
<tr>
<td>Sodium Carbonate</td>
<td>1-5</td>
<td>497-19-8</td>
<td>207-838-8</td>
<td>Xi</td>
<td>36</td>
</tr>
</tbody>
</table>

See section 15 for text of R-phrases on the label and section 16 for others.

4. FIRST AID MEASURES

Inhalation: not applicable
Skin Contact: Wash skin with soap and water. Wash clothing before reuse. Contact physician.
Eye Contact: Flush eyes for at least 30 minutes with large amounts of water. Contact physician.
Ingestion: Do not induce vomiting. If conscious, drink large quantities of water. Contact physician immediately.
Advice to Physician: Treat symptoms.
5. FIRE-FIGHTING MEASURES

Extinguishing Methods: Carbon Dioxide, dry chemical, foam or water fog.

Unusual Fire and Explosion Hazards: none

Special Fire Fighting Measures: Cool exposed containers with water. Recommend Firefighters wear self-contained breathing apparatus.

Flammability Classification: –

HAZCHEM Emergency Action Code: 2 Z

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Utilize exposure controls and personal protection as specified in Section 8.

Environmental Precautions: No special requirements.

Methods of Clean Up: Contain spill to a small area. Pick up with absorbent material (sand, sawdust, clay, etc.) and place in a suitable container for disposal.

7. HANDLING AND STORAGE

Handling: Keep container closed when not in use. Take off immediately all contaminated clothing. Alkaline materials sometimes exhibit delayed effects. Wash immediately after any contact.

Storage: Store in a cool, dry area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Hazardous Ingredients</th>
<th>OSHA ppm</th>
<th>mg/m³</th>
<th>ACGIH TLV ppm</th>
<th>mg/m³</th>
<th>AUSTRALIA ppm</th>
<th>mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Hydroxide</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Sodium Carbonate</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
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<td>–</td>
</tr>
</tbody>
</table>

Respiratory Protection: Not normally needed. If exposure limits are exceeded, use an approved organic/acid/base vapor respirator.

Ventilation: Use only in well-ventilated areas. If exposure limits are exceeded, provide adequate ventilation.

Protective Gloves: Waterproof gloves (e.g., rubber, latex, plastic)

Eye Protection: Safety goggles.

Other: Impervious clothing as necessary to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Odour</th>
<th>Vapour pressure @ 20°C</th>
<th>% Aromatics by weight</th>
<th>pH</th>
<th>Density</th>
<th>Weight per volume</th>
<th>Coefficient (water/oil)</th>
<th>Vapour density (air=1)</th>
<th>Rate of evaporation (ether=1)</th>
<th>Solubility in water</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>clear liquid</td>
<td>mild odor</td>
<td>not determined</td>
<td>0</td>
<td>13.1 – 13.7</td>
<td>1.06 kg/l</td>
<td>8.9 lbs/gal</td>
<td>&gt; 1</td>
<td>&gt; 1</td>
<td>&lt; 1</td>
<td>complete</td>
<td>none</td>
</tr>
<tr>
<td>Colour</td>
<td>red</td>
<td></td>
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<tr>
<td>Initial boiling point</td>
<td>100°C (212°F)</td>
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<td></td>
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<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Melting point</td>
<td>0°C (32°F)</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>% Volatile (by volume)</td>
<td>89%</td>
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<tr>
<td>Flash point</td>
<td>none</td>
<td></td>
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<tr>
<td>Method</td>
<td>PM Closed Cup</td>
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</tr>
<tr>
<td>Viscosity</td>
<td>≤ 5 cps @ 25°C</td>
<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>Autoignition temp.</td>
<td>not applicable</td>
<td></td>
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</tr>
<tr>
<td>Explosion limits</td>
<td>not determined</td>
<td></td>
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</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products: Carbon Monoxide, Nitrous Oxide and other toxic fumes.
Conditions to Avoid: none
Materials to Avoid: Aluminum, Zinc and Tin; alloys of Aluminum, Zinc and Tin and strong oxidizers like liquid Chlorine and concentrated Oxygen.

11. TOXICOLOGICAL INFORMATION

Primary Route of Exposure Under Normal Use: Skin and eye contact.
Acute Effects: Direct contact causes eye, skin and mucous membrane burns.

<table>
<thead>
<tr>
<th>Substance</th>
<th>Test</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Hydroxide</td>
<td>LD50 oral, rat</td>
<td>365 mg/kg</td>
</tr>
<tr>
<td>Sodium Carbonate</td>
<td>LC50 inhalation, rat</td>
<td>2.3 mg/l/2 hours</td>
</tr>
<tr>
<td>Sodium Carbonate</td>
<td>LD50 oral, rat</td>
<td>4090 mg/kg</td>
</tr>
</tbody>
</table>

Chronic Effects: none
Other Information: As per 29 CFR 1910.1200 (Hazard Communication), this product contains no carcinogens as listed in the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC) or the Occupational Safety and Health Administration (OSHA).

12. ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined specifically for this product. The information given below is based on a knowledge of the components and the ecotoxicology of similar substances.

Mobility: Liquid. Soluble in water. In determining environmental mobility, consider the product's physical and chemical properties (see Section 9).
Accumulation: not determined
Ecotoxicity: Many aquatic species are intolerant of pH levels in excess of 10.

13. DISPOSAL CONSIDERATIONS

Incinerate or landfill absorbed material. Liquids may be amenable for water treatment with absorption of organics after neutralization. Check local, state and national/federal regulations and comply with the most stringent requirement.

EWC-code: 20 01 29

14. TRANSPORT INFORMATION

TDG: POTASSIUM HYDROXIDE SOLUTION, 8, UN1814, II, ERG NO. 154
IMDG: POTASSIUM HYDROXIDE SOLUTION, 8, UN1814, II, ERG NO. 154, Ems No F-A, S-B
IATA/ICAO: POTASSIUM HYDROXIDE SOLUTION, 8, UN1814, II
ADR/RID: 1814, POTASSIUM HYDROXIDE SOLUTION, 8, II, ADR

U.S. DOT:
Shipping Name: POTASSIUM HYDROXIDE SOLUTION
Hazard Class: 8
UN/NA #: UN1814
Packaging Group #: II
Emergency Response Guide Book No. 154

NOTE: Shipped as Consumer Commodity ORM-D in packaging having a rated capacity gross weight of 66 lb. or less and 1 Liter or less. (49 CFR 173.150(c)).
15. REGULATORY INFORMATION

European Classification¹: C - Corrosive
R-Phrase(s): R34 Causes burns.
S-Phrase(s): S23C Do not breathe vapour/spray.
            S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
            S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
            S51 Use only in well-ventilated areas.
            S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
            S28A After contact with skin, wash immediately with plenty of soap and water.

Name of the substances on the label: Potassium Hydroxide

Other information: none

Canadian Classification¹: E: Corrosive materials
Risk Phrase(s): Causes burns.
Precautionary and First Aid Measure(s): Do not breathe vapour/spray. Wear suitable protective clothing, gloves and eye/face protection. Use only in well-ventilated areas. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). After contact with skin, wash immediately with plenty of soap and water.

Other Information: none

16. OTHER INFORMATION

US EPA SARA TITLE III

<table>
<thead>
<tr>
<th>312 Hazards :</th>
<th>313 Chemicals :</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immediate</td>
<td>none</td>
</tr>
</tbody>
</table>

Hazardous Materials Identification System (HMIS)

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>REACTIVITY</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>0</td>
<td>1</td>
<td>*</td>
</tr>
</tbody>
</table>

JAPAN PRTR

<table>
<thead>
<tr>
<th>Class I Chemicals :</th>
<th>Class II Chemicals :</th>
</tr>
</thead>
<tbody>
<tr>
<td>none</td>
<td>none</td>
</tr>
</tbody>
</table>

Risk phrases in section 3: R22: Harmful if swallowed.
                           R35: Causes severe burns.
                           R36: Irritating to eyes.

Changes to the MSDS in this revision: section 1; updated to new format.

This information is based solely on data provided by suppliers of the materials used, not on the mixture itself. No warranty is expressed or implied regarding the accuracy of the data or the suitability of the product for the user’s particular purpose. The user must make their own determination as to suitability.