Section 1. Product and Company Identification

Product Name: LEWIS RED DEVIL® LYE DRAIN OPENER

Product Description: Free flowing, dust free, bead type 100% Lye (Sodium Hydroxide) drain opener.

Manufacturer: Reckitt Benckiser North America, Inc.
Morris Corporate Center IV
399 Interpace Parkway (P.O. Box 225)
Parsippany, N.J. 07054-0225

Product Identifier: Not available.

Item Number: 360279

Formula Number: F/F 360279

UPC Number: 623338-75591 and 623338-75138 (both 18 oz. HDPE [High Density Polyethylene] Containers).

MSDS#: Not available.

Validation Date: 11/18/2003

Print Date: 11/18/2003

In case of Emergency:

Telephone: 800-228-4722

Transportation Emergencies:

Chemtrec: 1-800-424-9300
(U.S. & Canada)

Outside the U.S. & Canada (North America), call:
703-527-3887

Section 2. Composition and Information on Ingredients

Name: SODIUM HYDROXIDE

CAS #: 1310-73-2

% by Weight: 100

Exposure Limits: TLV/PEL

CEIL: 2 (mg/m³) from ACGIH (TLV)
TWA: 2 (mg/m³) from OSHA

Section 3. Hazards Identification

Emergency Overview: POISON. HARMFUL OR FATAL IF SWALLOWED OR MISUSED. CAUSES SEVERE BURNS TO EYES AND SKIN ON CONTACT. KEEP OUT OF REACH OF CHILDREN.

CORROSIVE! Contains SODIUM HYDROXIDE (LYE). CAUSES SEVERE BURNS TO EYES AND SKIN. CAN CAUSE BLINDNESS. KEEP LYE AWAY FROM EYES, SKIN AND CLOTHING. Store in an area which is locked or inaccessible to children and domestic animals.

USE PROTECTIVE EYEWEAR, WEAR RUBBER GLOVES. KEEP FACE AWAY FROM CAN AND DRAIN. NEVER POUR LYE DIRECTLY FROM CONTAINER INTO DRAIN.

Read and follow container instructions carefully!

Section 4. First Aid Measures

Eye Contact: CORROSIVE: In case of eye contact, hold eyes open and IMMEDIATELY rinse eyes thoroughly with plenty of water for at least 20 minutes. Remove any contact lenses and continue rinsing.

GET IMMEDIATE MEDICAL ATTENTION, CALL THE POISON CONTROL CENTER AT 1-800-338-6167 OR CONTACT THE LOCAL HOSPITAL EMERGENCY ROOM!

Skin Contact: CORROSIVE: In case of skin contact, Gently wipe product from skin. Immediately flush exposed skin areas with plenty of water for at least 15 minutes. Remove any contaminated clothing and then wash thoroughly with soap and water.

GET IMMEDIATE MEDICAL ATTENTION, CALL THE POISON CONTROL CENTER AT 1-800-338-6167 OR CONTACT THE LOCAL HOSPITAL EMERGENCY ROOM!

Continued on Next Page
LEWIS RED DEVIL® LY E DRAIN OPENER

**Section 5. Fire and Explosion Data**

**Flammability**
Not flammable. See Section 14 for any Shipping Classifications.

**Flash Point**
No data available.

**Explosive Limits in Air**
Not available.

**Products of Combustion**
Not available.

**Fire and Explosion Hazards**
None known.

**Fire Fighting Media and Instructions**
Use water spray, foam, dry chemical or carbon dioxide, as suitable for the surrounding fire.

**Special Fire Fighting Instructions**
Wear self-contained breathing apparatus and protective clothing appropriate for fighting a typical chemical fire.

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**Section 6. Accidental Release Measures**

**Accidental Spill**
Small spills: In case of spillage from can, put on rubber gloves, collect or sweep into dust pan, empty down nearest working sink drain and flush with COLD water.

Large spills: Wearing appropriate personal protective equipment, spill should be contained and collected in a suitable container for later disposal according to local, state or federal hazardous waste regulations.

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**Section 7. Handling and Storage**

**Handling and Storage**
POISON. HARMFUL OR FATAL IF SWALLOWED OR MISUSED. CAUSES SEVERE BURNS TO EYES AND SKIN ON CONTACT. KEEP OUT OF REACH OF CHILDREN.

CORROSIVE! Contains SODIUM HYDROXIDE (LYE). CAUSES SEVERE BURNS TO EYES AND SKIN. CAN CAUSE BLINDNESS. KEEP LYE AWAY FROM EYES, SKIN AND CLOTHING.

STORAGE: Store in ORIGINAL CONTAINER on a high shelf or in a locked cabinet inaccessible to children and pets. KEEP OUT OF REACH OF CHILDREN!

HANDLING PRECAUTIONS: DANGER-POISON: USE LEWIS RED DEVIL® LYE ONLY AS DIRECTED ON THE LABEL. MISUSE MAY RESULT IN SPLASH BACK AND SERIOUS INJURY. ALWAYS KEEP OUT OF REACH OF CHILDREN, PETS AND DOMESTIC ANIMALS. REPLACE CAP IMMEDIATELY AFTER USE.

USE PROTECTIVE EYEWEAR. WEAR RUBBER GLOVES. KEEP FACE AWAY FROM CAN AND DRAIN. NEVER POUR LYE DIRECTLY FROM CONTAINER INTO DRAIN. READ CONTAINER DIRECTIONS CAREFULLY BEFORE USE!

WARNING: USE RED DEVIL® Lye Drain Cleaner only as directed on the label. Misuse may result in splash back and serious injury. Replace cap tightly, immediately after use. Do not allow water to enter container to prevent contents from erupting or boiling out.

Keep children away from product and sink area during use. Keep face away from can and drain at all times. To avoid violent reaction and dangerous splash back, which can cause serious burns to skin and eyes:

NEVER use lye with other products or with hot water.

NEVER use lye if other products have failed to completely clear drain. Consult a plumber.

Continued on Next Page
Section 8. Exposure Controls/Personal Protection

<table>
<thead>
<tr>
<th>Ventilation Requirements</th>
<th>None required under normal use conditions. If user operations generate dust, fume or mist, use appropriate mechanical ventilation to keep exposure to airborne contaminants below the exposure limit.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Protection</td>
<td>Use protective eyewear. Emergency responders should wear full eye and face protection.</td>
</tr>
<tr>
<td>Skin Protection</td>
<td>Wear rubber gloves. Emergency responders should wear impermeable gloves.</td>
</tr>
<tr>
<td>Respiratory Protection</td>
<td>None required under normal use conditions. Emergency responders should wear suitable respiratory protection where exposure to airborne dust is possible.</td>
</tr>
<tr>
<td>Other Protection</td>
<td>Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the product or a resulting liquid is possible such as a major spill, a fire or a clean-up operation.</td>
</tr>
<tr>
<td>Work/Hygenic Practices</td>
<td>Wash thoroughly with soap and water after handling.</td>
</tr>
</tbody>
</table>

Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Description</th>
<th>Free flowing, white to off-white, hydroscopic solid spherical beads.</th>
<th>Odor</th>
<th>None.</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>14 [Basic.] @ 5% solution.</td>
<td>Color</td>
<td>White to off-white.</td>
</tr>
<tr>
<td>Boiling/Condensation Point</td>
<td>&gt;1,093.3°C (&gt;2,000°F)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>2.130</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not applicable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not available.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solubility</td>
<td>Complete.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Chemical Comments</td>
<td>Melting Point: 318°C (604°F).</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 10. Stability and Reactivity Data

| Chemical Stability           | The product is stable.                                                                                                                                                           |       |                                                                      |
| Conditions of Instability    | Never use lye with other drain cleaners, acid products, chemicals, or hot water.                                                                                               |       |                                                                      |
| Incompatibility with Various | Keep lye and solutions away from contact with aluminum utensils, wood, painted surfaces, acrylic or fiberglass as damage may result.                                               |       |                                                                      |
| Substances                   |                                                                                                                                                                                  |       |                                                                      |
| Hazardous Decomposition      | Not available.                                                                                                                                                                     |       |                                                                      |
| Products                     |                                                                                                                                                                                  |       |                                                                      |
| Hazardous Polymerization     | Will not occur.                                                                                                                                                                    |       |                                                                      |

Continued on Next Page
## Section 11. Toxicological Information

### Exposure Effects

<table>
<thead>
<tr>
<th>Effect</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Contact</td>
<td>CORROSIVE: Causes severe burns to eyes. Can cause blindness.</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>CORROSIVE: Causes severe burns to skin. Keep eye away from skin and clothing.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Causes severe burns. Keep face away from can and drain at all times. Inhalation of generated vapors or fume may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>CORROSIVE: May be harmful or fatal if swallowed. Will cause burns to mouth, throat and stomach.</td>
</tr>
</tbody>
</table>

### Carcinogenicity

Not listed as carcinogenic by OSHA, NTP or IARC.

## Section 12. Ecological Information

### Ecotoxicity

Harmful or fatal to marine and aquatic life. Contain all spills to prevent runoff or effluent from entry into any sewer or drain leading to a waterway of any kind.

## Section 13. Disposal Considerations

### Waste Disposal

Individual empty container. Discard empty can with cap in place into household trash container.

Large quantities: Dispose of in accordance with local, state, and federal regulations for hazardous waste. Do not incinerate.

## Section 14. Transport Information

### DOT Classification

ORM-D

### Proper Shipping Name

Consumer Commodity

### DOT Identification Number

Not applicable.

### Packing Group

Not applicable.

### Maritime Transportation

Not applicable.

### Hazardous Substances Reportable Quantity

454 kg. (1,000 lbs.)

### Special Provisions for Transport

Not applicable.

### TDG Classification

Consumer Commodity / Limited Quantity, Transborder Consignment.

### ADR Classification

Not applicable.

### IMDG Classification

Sodium hydroxide, Solid, Class 8, UN1823, PG II - Limited Quantity.

### IATA Classification

DO NOT SHIP! - Packaging does not meet IATA requirements.

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**Continued on Next Page**
### Section 15. Regulatory Information

<table>
<thead>
<tr>
<th>Federal and State Regulations</th>
<th>SARA Title III, Section 313 Toxic Chemical Notification &amp; Release Reporting:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>California Proposition 65: This product contains the following ingredients which require a warning under the Safe Drinking Water &amp; Toxic Enforcement Act:</td>
</tr>
<tr>
<td></td>
<td>None</td>
</tr>
</tbody>
</table>

| Other Classifications | WHMIS (Canada) | CLASS E: Corrosive solid. |

### Section 16. Other Information

<table>
<thead>
<tr>
<th>HMIS (U.S.A.)</th>
<th>National Fire Protection Association (U.S.A.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 0 1</td>
<td>Fire Hazard 0 Health 3 Specific hazard 1 Reactivity</td>
</tr>
<tr>
<td>Personal Protection</td>
<td>D</td>
</tr>
</tbody>
</table>

| NFPA Aerosol Level | Not applicable. |


**Notice to Reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.