1 - Identification

<table>
<thead>
<tr>
<th>Product Name: Lava Liquid</th>
<th>Manufacturer: WD-40 Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Use: Hand Cleaner</td>
<td>Address: 1061 Cudahy Place (92110)</td>
</tr>
<tr>
<td>Restrictions on Use: None identified</td>
<td>P.O. Box 80607</td>
</tr>
<tr>
<td>SDS Date Of Preparation: 08/21/2014</td>
<td>San Diego, California, USA</td>
</tr>
<tr>
<td></td>
<td>92138 –0607</td>
</tr>
<tr>
<td></td>
<td>Telephone: 1-888-324-7596 (PROSAR)</td>
</tr>
<tr>
<td></td>
<td>Emergency only: 1-888-324-7596</td>
</tr>
<tr>
<td></td>
<td>Information: 1-888-324-7596</td>
</tr>
<tr>
<td></td>
<td>Chemical Spills: 1-800-424-9300 (Chemtrec)</td>
</tr>
<tr>
<td></td>
<td>1-703-527-3887 (International Calls)</td>
</tr>
</tbody>
</table>

2 – Hazards Identification

Hazcom 2012/GHS Classification:
Not Hazardous

Note: This product is a cosmetic product and is labeled in accordance with the US Food and Drug Administration regulations which take precedence over OSHA Hazard Communication labeling.

Label Elements:
Not required

3 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>Weight Percent</th>
<th>US Hazcom 2012/ GHS Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pumice</td>
<td>1332-09-8</td>
<td>1-5%</td>
<td>Not Hazardous</td>
</tr>
<tr>
<td>Non-Hazardous Ingredients and Water</td>
<td>Mixture</td>
<td>Balance</td>
<td>Not Hazardous</td>
</tr>
</tbody>
</table>

Note: The exact percentages are a trade secret.

4 – First Aid Measures

**Ingestion (Swallowed):** If large amount is swallowed and symptoms occur, call a physician, poison control center, or the WD-40 Safety Hotline at 1-888-324-7596. Rinse mouth with water and give one eight-ounce glass of water to drink if the patient if conscious and responsive.

**Eye Contact:** Do not rub eyes. Flush immediately with large amounts of water. Get medical attention if irritation persists.

**Skin Contact:** This product is intended for skin contact. Discontinue use and consult a physician if irritation develops and persists.

**Inhalation (Breathing):** No first aid should be required.

**Signs and Symptoms of Exposure:** May cause eye irritation.

**Indication of Immediate Medical Attention/Special Treatment Needed:** Immediate medical attention is not required.

5 – Fire Fighting Measures

**Suitable (and unsuitable) Extinguishing Media:** Use any media that is appropriate for the surrounding fire.

**Specific Hazards Arising from the Chemical:** None known.

**Special Protective Equipment and Precautions for Fire-Fighters:** None required.
6 – Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** None required. Avoid eye contact.

**Methods and Materials for Containment/Cleanup:** Flush spilled product to sewer with water if permitted or collect with an inert absorbent and place in a container for disposal. Caution! Surfaces may be slippery and present a slip hazard.

7 – Handling and Storage

**Precautions for Safe Handling:** Avoid contact with eyes.

**Conditions for Safe Storage:** No special storage required.

8 – Exposure Controls/Personal Protection

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Occupational Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pumice</td>
<td>5 mg/m3 (respirable), 15 mg/m3 (total dust) OSHA PEL-TWA</td>
</tr>
<tr>
<td>Non-Hazardous Ingredients</td>
<td>None Established</td>
</tr>
</tbody>
</table>

The Following Controls are Recommended for Normal Consumer Use of this Product

**Appropriate Engineering Controls:** None required

**Personal Protection:**

**Eye Protection:** None required, avoid eye contact.

**Skin Protection:** None required, this product is intended for skin contact.

**Respiratory Protection:** None required.

For Bulk Processing or Workplace Use the Following Controls are Recommended

**Appropriate Engineering Controls:** Good general ventilation should be adequate.

**Personal Protection:**

**Eye Protection:** Safety goggles recommended if dust or mists are generated.

**Skin Protection:** None required for anticipated use, this product is intended for skin contact.

**Respiratory Protection:** None required.

**Work/Hygiene Practices:** Rinse thoroughly after washing or handling.

9 – Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Appearance:</th>
<th>Green viscous liquid</th>
<th>Flammable Limits: Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor:</td>
<td>Pleasant Fragrance</td>
<td>Flammable Pressure: Same as water</td>
</tr>
<tr>
<td>Odor Threshold:</td>
<td>Not established</td>
<td>Flammable Pressure: Same as water</td>
</tr>
<tr>
<td>pH:</td>
<td>Not determined</td>
<td>Relative Density: &gt;1</td>
</tr>
<tr>
<td>Melting/Freezing Point:</td>
<td>Not determined</td>
<td>Solubilities: Soluble in water</td>
</tr>
<tr>
<td>Boiling Point/Range:</td>
<td>~212°F</td>
<td>Partition Coefficient; n-octanol/water: Not established</td>
</tr>
<tr>
<td>Flash Point:</td>
<td>None</td>
<td>Autoignition Temperature: Not established</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>Same as water</td>
<td>Decomposition Temperature: Not established</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
<td>Viscosity: Not determined</td>
</tr>
<tr>
<td>VOC:</td>
<td>0%</td>
<td>Pour Point: Not applicable</td>
</tr>
</tbody>
</table>

10 – Stability and Reactivity

**Reactivity:** Not reactive under normal conditions

**Chemical Stability:** Stable

**Possibility of Hazardous Reactions:** None known.

**Conditions to Avoid:** None known.

**Incompatible Materials:** None known.
**Hazardous Decomposition Products:** Combustion will produce oxides of carbon and nitrogen.

11 – Toxicological Information

**Symptoms of Overexposure:**
- **Inhalation:** None known
- **Skin Contact:** Prolonged contact may cause irritation in sensitive individuals.
- **Eye Contact:** May cause irritation with redness, stinging and tearing. Pumice may cause abrasive injury to the eye.
- **Ingestion:** Not intended for ingestion, however, not expected to be toxic. May cause gastrointestinal irritation.
- **Chronic Effects:** None known.
- **Carcinogen Status:** None of the components are listed as a carcinogen or suspect carcinogen by IARC, NTP, ACGIH or OSHA.
- **Reproductive Toxicity:** None of the components is considered a reproductive hazard.

**Numerical Measures of Toxicity:**
The oral toxicity of this product is estimated to be greater than 5,000 mg/kg and the dermal toxicity greater than 2,000 mg/kg based on an assessment of the ingredients. This product is not classified as toxic by established criteria.

12 – Ecological Information

- **Ecotoxicity:** No specific aquatic toxicity data is currently available, however components of this product are not expected to be harmful to aquatic organisms
- **Persistence and Degradability:** No data available.
- **Bioaccumulative Potential:** No data available.
- **Mobility in Soil:** No data available
- **Other Adverse Effects:** None known

13 - Disposal Considerations
Dispose in accordance with local, state and federal regulations.

14 – Transportation Information
Not regulated for Transportation by any mode

15 – Regulatory Information

**U.S. Federal Regulations:**
- **CERCLA 103 Reportable Quantity:** This product is not subject to CERCLA reporting requirement. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.
- **SARA TITLE III:**
  - **Hazard Category For Section 311/312:** Not Hazardous
  - **Section 313 Toxic Chemicals:** This product contains the following chemicals subject to SARA Title III Reporting requirements: None
  - **Section 302 Extremely Hazardous Substances (TPQ):** None
- **EPA Toxic Substances Control Act (TSCA) Status:** All of the components of this product are listed on the TSCA inventory.
- **California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):** This product does not contain chemicals regulated under California Proposition 65.
- **Canadian Environmental Protection Act:** All of the ingredients are listed on the Canadian Domestic Substances List or exempt from notification.
- **Canadian WHMIS Classification:** Not a controlled product.

This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.
16 – Other Information:

<table>
<thead>
<tr>
<th>HMIS Hazard Rating:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Health – 0 (minimal hazard), Fire Hazard – 0 (minimal hazard), Physical Hazard – 0 (minimal hazard)</td>
<td></td>
</tr>
</tbody>
</table>

Revision Date: August 21, 2014  
Supersedes: November 26, 2008

Revision Summary: Convert to Hazcom 2012. Changes in all sections.

Prepared by: Industrial Health & Safety Consultants, Inc. Shelton, CT, USA

APPROVED By: I. Kowalski  
Regulatory Affairs Dept.