1. PRODUCT & COMPANY IDENTIFICATION

1.1 Product Name: CAIKLEEN™ RBR, LIQUID (LOW ODOR FORMULA), (P/N RBR100L)

1.2 Chemical Name: NA

1.3 Synonyms: CaiKleen™ RBR; Part No. RBR100L

1.4 Trade Names: CaiKleen™ RBR, Pump Spray, 150 mL (Part No. RBR100PS); CaiKleen™ RBR, Oiler Pen, 6 mL (Part No. RBR100L-P6C); CaiKleen™ RBR, Oiler Pen, 25 mL (Part No. RBR100L-25C); CaiKleen™ RBR, Dropper Bottle, 59 mL (Part No. RBR100L-2); CaiKleen™ RBR, Liquid, 354 mL (Part No. RBR100L-12)

1.5 Product Uses & Restrictions: Rubber Cleaner and Rejuvenator

1.6 Distributor’s Name: CAIG Laboratories, Inc.

1.7 Distributor’s Address: 12200 Thatcher Court, Poway, CA 92064-6876 USA

1.8 Emergency Phone: CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300 (CCN XXXXX)

1.9 Business Phone / Fax: +1 (800) 224-4123

2. HAZARDS IDENTIFICATION

2.1 Hazard Identification: This product is classified as a HAZARDOUS SUBSTANCE but NOT as DANGEROUS GOODS according to the classification criteria of NOHSC: 1088 (2004) and ADG Code (Australia). WARNING! CAUSES EYE IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION.

Classification: Eye Irrit 2; Skin Irrit. 1B

Hazard Statements (H): H220 – Causes eye irritation. H317 – May cause an allergic skin reaction.


3. COMPOSITION & INGREDIENT INFORMATION

<table>
<thead>
<tr>
<th>CHEMICAL NAME(S)</th>
<th>CAS No.</th>
<th>RTECS No.</th>
<th>EINECS No.</th>
<th>EXP THE LIMITS IN AIR (mg/m³)</th>
<th>ACGIH</th>
<th>NOHSC</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>%</td>
<td>ppm</td>
<td>ppm</td>
<td>ppm</td>
</tr>
<tr>
<td>MINERAL OIL</td>
<td>84742-30-9</td>
<td>PY80300000</td>
<td>235-183-3</td>
<td>60-100</td>
<td>5</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td>CHLORINATED FATTY ESTER</td>
<td>68440-29-9</td>
<td>NA</td>
<td>270-448-1</td>
<td>10-30</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>LIMONENE</td>
<td>5989-27-5</td>
<td>GW6360000</td>
<td>227-813-5</td>
<td>1-5</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

4.1 First Aid:

Ingestion: If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give water or milk to an unconscious person. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.

Eyes: Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes lifting upper and lower lids, occasionally.

Skin: Wash thoroughly with soap and water. In case of contact, immediately flush skin with plenty of water for at least 15 minutes.

Inhalation: Remove victim to fresh air at once. If breathing difficult, administer oxygen. If breathing stops give artificial respiration. Keep person warm, quiet and get medical attention.

4.2 Effects of Exposure:

Ingestion: If product is swallowed, may cause nausea, vomiting and/or diarrhea.

Eyes: Moderately irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering.

Skin: May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.

Inhalation: None expected.
4. FIRST AID MEASURES – cont’d

4.3 Symptoms of Overexposure:

Ingestion: Nausea, intestinal discomfort, vomiting and/or diarrhea.

Eyes: Overexposure in eyes may cause redness, itching and watering.

Skin: Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. Frostbite like symptoms. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some individuals.

4.4 Acute Health Effects:

Non-irritating when used as directed. Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea.

4.5 Chronic Health Effects:

Non-irritating when used as directed. Overexposure may trigger asthma-like symptoms in some sensitive individuals. May also induce skin sensitization and respiratory hypersensitivity. Possible allergic dermatitis.

4.6 Target Organs:

Eyes, Skin.

4.7 Medical Conditions Aggravated by Exposure:

Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes, skin, and respiratory system).

5. FIREFIGHTING MEASURES

5.1 Fire & Explosion Hazards:

This product is not flammable. However, if involved in a fire, this product may decompose at high temperatures to form toxic gases (e.g., CO, CO₂).

5.2 Extinguishing Methods:

Water, Foam, CO₂. Dry Chemical, Halon (if permitted). Use water spray to cool unopened containers.

5.3 Firefighting Procedures:

Fight fires as for surrounding materials. As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Avoid spraying water directly into storage containers because of danger of boil-over. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.

6. ACCIDENTAL RELEASE MEASURES

6.1 Spills:

Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. Plastic or rubber gloves, respirator, eye protection and apron may be required for clean-up of large spills. Small Spills: Wear appropriate protective equipment including gloves and protective eyewear. Use a non-combustible material such as vermiculite or sand to soak up the product and place into a container for later disposal. Do not use water or a material such as "speedy dry" to soak up material. Sweep up material using non-sparking materials (e.g., plastic brooms, shovels, dustpans) and place into a plastic container or plastic liner within another container. Large Spills: Keep incompatible materials (e.g., organics such as oil) away from spill. Stay upwind and away from spill or release. Isolate immediate hazard area and keep unauthorized personnel out of area. Stop spill or release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant.

7. HANDLING & STORAGE INFORMATION

7.1 Work & Hygiene Practices:

Do not eat, drink or smoke when handling this product. Contents under pressure. Handle as to avoid puncturing container(s). When used as intended, no additional protective equipment is necessary. Use chemical goggles if eye contact is possible. Wash unintentional residues with soap and warm water.

7.2 Storage & Handling:

Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans) away from heat and direct sunlight. Avoid temperatures above 120 °F. Keep away from incompatible substances. Protect containers from physical damage. To avoid unintentional spraying keep cap in place when not in use.

7.3 Special Precautions:

Clean all spills promptly. Spilled material may present a slipping hazard.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 Exposure Limits: ppm (mg/m³)

<table>
<thead>
<tr>
<th>CHEMICAL NAME(S)</th>
<th>ACGIH</th>
<th>ACGIH</th>
<th>ACGIH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TLV</td>
<td>STEL</td>
<td>ES-TWA</td>
</tr>
<tr>
<td>MINERAL OIL</td>
<td>5</td>
<td>10</td>
<td>NF</td>
</tr>
<tr>
<td>LIMONENE</td>
<td>NA</td>
<td>NA</td>
<td>NF</td>
</tr>
</tbody>
</table>

8.2 Ventilation & Engineering Controls:

General mechanical (e.g., fans) or natural ventilation is sufficient when this product is in use. Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station).

8.3 Respiratory Protection:

No special respiratory protection is required under typical circumstances of use or handling. In instances where dusts of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia.
8. EXPOSURE CONTROLS & PERSONAL PROTECTION – cont’d

8.4 Eye Protection: Avoid eye contact. Wear splash proof goggles or equivalent eye protection (ANSI Z87). Safety glasses need to be used when handling or using this product.

8.5 Hand Protection: Impermeable gloves required. May cause skin irritation in some sensitive individuals. When handling wear rubber, nitrile or impervious plastic gloves.

8.6 Body Protection: No apron required when handling small quantities. When handling large quantities (e.g., ≥ 5 lbs), eye wash stations and deluge showers should be available. Upon completion of work activities involving large quantities of this product, wash any exposed areas thoroughly with soap and water.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Appearance: Amber liquid
9.2 Odor: Citrus odor
9.3 Odor Threshold: NA
9.4 pH: NA
9.5 Melting Point/Freezing Point: NA
9.6 Initial Boiling Point/Boiling Range: NA
9.7 Flashpoint: >93.3 ºC (200 ºF)
9.8 Upper/Lower Flammability Limits: NA
9.9 Vapor Pressure: 0.01 mm Hg @ 20 ºC
9.10 Vapor Density: NA
9.11 Relative Density: 0.913
9.12 Solubility: Negligible
9.13 Partition Coefficient (log Pow): NA
9.14 Autoignition Temperature: NA
9.15 Decomposition Temperature: NA
9.16 Viscosity: NA
9.17 Other Information: NVC 60-70%
### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste Disposal:
Products covered by this MSDS, in their original form, when disposed as waste, are considered non-hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Dispose of in accordance with federal, state and local regulations.

#### 13.2 Special Considerations:
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state, federal and provincial regulations.

### 14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

<table>
<thead>
<tr>
<th>Mode of Transportation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1 49 CFR (GND):</td>
<td>NOT REGULATED</td>
</tr>
<tr>
<td>14.2 IATA (AIR):</td>
<td>NOT REGULATED</td>
</tr>
<tr>
<td>14.3 IMDG (OCN):</td>
<td>NOT REGULATED</td>
</tr>
<tr>
<td>14.4 TDGR (Canadian GND):</td>
<td>NOT REGULATED</td>
</tr>
<tr>
<td>14.5 ADR/RID (EU):</td>
<td>NOT REGULATED</td>
</tr>
<tr>
<td>14.6 SCT (MEXICO):</td>
<td>NOT REGULATED</td>
</tr>
<tr>
<td>14.7 ADGR (AUS):</td>
<td>NOT REGULATED</td>
</tr>
</tbody>
</table>

### 15. REGULATORY INFORMATION

#### 15.1 SARA Reporting Requirements:
This product does not contain any substances subject to SARA Title III, section 313 reporting requirements.

#### 15.2 SARA Threshold Planning Quantity:
There are no specific Threshold Planning Quantities for the components of this product.

#### 15.3 TSCA Inventory Status:
The components of this product are listed on the TSCA Inventory.

#### 15.4 CERCLA Reportable Quantity (RQ):
NA

#### 15.5 Other Federal Requirements:
NA

#### 15.6 Other Canadian Regulations:
This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List.

#### 15.7 State Regulatory Information:
Mineral Oil is found on the following state criteria lists: NJ, PA. No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).

#### 15.8 Other Requirements:
16. OTHER INFORMATION

16.1 Other Information:

WARNING! CAUSES EYE IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION. Use only as directed. Keep out of reach of children. Avoid contact with skin. Avoid contact with eyes. Wear suitable protective clothing. In case of accident or if you feel unwell seek medical advice immediately (show the label where possible). If skin irritation occurs: get medical advice/attention. KEEP LOCKED UP AND OUT OF REACH OF CHILDREN.

16.2 Terms & Definitions:
See last page of this Safety Data Sheet.

16.3 Disclaimer:

This Safety Data Sheet is offered pursuant to OSHA’s Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate’s & CAIG Laboratories, Inc.’s knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.

16.4 Prepared for:

CAIG Laboratories, Inc.
12200 Thatcher Court
Poway, CA 92064-6876
Tel: +1 (800) CAIG-123 (244-4123)
Fax: +1 (858) 486-8398 fax
http://www.caig.com/

16.5 Prepared by:

ShipMate, Inc.
P.O. Box 787
Sisters, Oregon 97759-0787 USA
Tel: +1 (310) 370-3600
Fax: +1 (310) 370-5700
http://www.shipmate.com
## PERSONAL PROTECTION RATINGS:

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>G</td>
<td>H</td>
<td>I</td>
<td>J</td>
<td>K</td>
<td>X</td>
</tr>
<tr>
<td>Safety Glasses</td>
<td>Splash Goggles</td>
<td>Face Shield &amp; Protective Eyewear</td>
<td>Gloves</td>
<td>Dust &amp; Full-Mask Respirator</td>
<td>Consult your supervisor or SOPs for special handling directions.</td>
</tr>
<tr>
<td>Boots</td>
<td>Synthetic Apron</td>
<td>Protective Clothing &amp; Full Suit</td>
<td>Airline Hood/Mask or SCBA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## OTHER STANDARD ABBREVIATIONS:

- **ML**: Maximum Limit
- **mg/m³**: milligrams per cubic meter
- **NA**: Not Available
- **ND**: Not Determined
- **NE**: Not Established
- **NF**: Not Found
- **NR**: No Results
- **ppm**: parts per million
- **SCBA**: Self-Contained Breathing Apparatus

## FLAMMABILITY LIMITS IN AIR:

- **Autoignition Temperature**: Minimum temperature required to initiate combustion in air with no other source of ignition
- **LEL**: Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
- **UEL**: Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

## REGULATORY INFORMATION:

| WHMIS | National Paint & Coatings Association Hazardous Materials Identification System |
|DOT | U.S. Department of Transportation
|TC | Transport Canada
|EPA | U.S. Environmental Protection Agency
|DSL | Canadian Domestic Substance List
|NOHS | National Occupational Health and Safety Commission (Australia)
|NDSL | Canadian Non-Domestic Substance List
|FSL | Canadian Priority Substances List
|TSCA | U.S. Toxic Substance Control Act
|WGK | Wassergfährdungsklassen (German Water Hazard Class)
|HMIS-III | National Fire Protection Association Hazardous Materials Identification System

## EC (67/548/EEC) INFORMATION:

- **C** | **E** | **F** | **N** | **O** | **T** | **Xi** | **Xn** |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Corrosive</td>
<td>Explosive</td>
<td>Flammable</td>
<td>Harmful</td>
<td>Oxidizing</td>
<td>Toxic</td>
<td>Irritant</td>
</tr>
</tbody>
</table>

## CLP/GHS (1272/2008/EC) PICTOGRAMS:

- **GHS01** | **GHS02** | **GHS03** | **GHS04** | **GHS05** | **GHS06** | **GHS07** | **GHS08** | **GHS09** |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Explosive</td>
<td>Flammable</td>
<td>Oxidizing</td>
<td>Pressurized</td>
<td>Corrosive</td>
<td>Toxic</td>
<td>Harmful</td>
<td>Irritating</td>
<td>Health</td>
</tr>
</tbody>
</table>