# Material Safety Data Sheet

## Section 1  Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>COOL GEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revision #:</td>
<td>1.4</td>
</tr>
<tr>
<td>Date Prepared:</td>
<td>November 3, 1998</td>
</tr>
<tr>
<td>Date Revised:</td>
<td>June 25, 2007</td>
</tr>
</tbody>
</table>

**Manufacturer:**

LA-CO INDUSTRIES, Inc./Markal Co.  
1201 Pratt Blvd.  
Elk Grove Village, IL, USA 60007-5746  
Information Telephone: 847-956-7600  
Emergency Telephone: Call CHEMTREC  
USA 800-424-9300  
International (Call Collect) 1-703-527-3887

**Chemical Formula:** Mixture

**CAS No.:** Not Applicable.  
**Derivation:** Not Applicable.  
**Synonyms:** Not Applicable.  
**General Use:** Heat Dissipating Gel

## Section 2  Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No.</th>
<th>%</th>
</tr>
</thead>
</table>


## Section 3  Hazards Identification

**EMERGENCY OVERVIEW:** No adverse effects expected.

**POTENTIAL HEALTH EFFECTS**

**Primary Exposure Routes:**

**Acute Effects**

- **Eyes:** Not applicable.  
- **Skin:** Not applicable.  
- **Ingestion:** Not applicable.  
- **Inhalation:** Not applicable.

**Chronic Effects**

- **Eyes:** Not applicable.  
- **Skin:** Not applicable.  
- **Ingestion:** Not applicable.  
- **Inhalation:** Not applicable.  
- **Carcinogenicity:** Not Applicable.  
- **Target Organ Effects:** Not Applicable.  
- **Medical Conditions Aggravated by Long-Term Exposure:** Not Determined.  
- **Other Information:** Not Applicable.

## Section 4  First Aid

**Eye Contact:** Not applicable.  
**Skin Contact:** Not applicable.  
**Ingestion:** Not applicable.  
**Inhalation:** Not applicable.  
**Other Information:** Not applicable.

## Section 5  Fire Fighting Measures

**Flash Point (method):** Not applicable.  
**Autoignition Temperature:** Not applicable.
### Section 6  Accidental Release Measures

Use recommended personal protective equipment (see Section 8). Wipe or scoop up.

### Section 7  Handling and Storage

**Handling Precautions:** Not applicable.  
**Storage Requirements:** Not applicable.

### Section 8  Exposure Controls/Personal Protection

**Eye/Face Protection:** Suitable for related activities where this product is used.  
**Skin/Hand Protection:** Suitable for related activities where this product is used.  
**Respiratory Protection:** Suitable for related activities where this product is used.  
**Other Equipment:** Suitable for related activities where this product is used.  
**Engineering Controls:** Suitable for related activities where this product is used.  
**Administrative Controls:** Users of this product must be properly trained and qualified in its use.  
**Other Information:** None Known.

### Section 9  Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property/State</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance/Physical State</strong></td>
<td>Clear gel.</td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>None.</td>
</tr>
<tr>
<td><strong>Odor Threshold (ppm)</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Specific Gravity (H₂O = 1):</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>pH:</strong></td>
<td>7</td>
</tr>
<tr>
<td><strong>Melting Point:</strong></td>
<td>32⁰F / 0⁰C</td>
</tr>
<tr>
<td><strong>Boiling Point:</strong></td>
<td>212⁰F / 100⁰C</td>
</tr>
<tr>
<td><strong>Vapor Pressure (mm Hg at 20⁰C):</strong></td>
<td>Negligible</td>
</tr>
<tr>
<td><strong>Vapor Density (Air = 1):</strong></td>
<td>&lt;1</td>
</tr>
<tr>
<td><strong>Evaporation Rate (n-BuAc=1):</strong></td>
<td>&lt;&lt;1</td>
</tr>
<tr>
<td><strong>V.O.C.:</strong></td>
<td>0%(w/w), 0%(v/v), 0 lbs./gal.(U.S.), 0 kg/l</td>
</tr>
<tr>
<td><strong>Solubility - Water:</strong></td>
<td>Soluble</td>
</tr>
<tr>
<td><strong>- Fat:</strong></td>
<td>Insoluble</td>
</tr>
<tr>
<td><strong>Coefficient of Water/Oil Solubility:</strong></td>
<td>&gt;&gt;1</td>
</tr>
<tr>
<td><strong>Partition Coefficient (n-octanol/water):</strong></td>
<td>&lt;&lt;1</td>
</tr>
<tr>
<td><strong>Flash Point (method):</strong></td>
<td>(see Section 5)</td>
</tr>
<tr>
<td><strong>Autoignition Temperature:</strong></td>
<td>(see Section 5)</td>
</tr>
<tr>
<td><strong>Flammability Classification:</strong></td>
<td>(see Section 5)</td>
</tr>
<tr>
<td><strong>Unusual Fire or Explosion Hazards:</strong></td>
<td>(see Section 5)</td>
</tr>
<tr>
<td><strong>Oxidizing Properties:</strong></td>
<td>Not Applicable.</td>
</tr>
<tr>
<td><strong>Other Information:</strong></td>
<td>None.</td>
</tr>
</tbody>
</table>

### Section 10  Stability and Reactivity

**Chemical Stability:** Stable  
**Hazardous Polymerization:** Will Not Occur  
**Conditions to Avoid:** None Known.  
**Chemicals to Avoid:** Any water reactive chemicals.  
**Hazardous Decomposition Products (non-thermal):** Not Determined.

### Section 11  Toxicological Information
Sensitization to Product: Not Applicable.
Irritancy of Product: Not applicable.
Reproductive Toxicity: Not Applicable.
Teratogenicity: Not Applicable.
Mutagenicity: Not Applicable.

Further hazard information, if applicable, may be found in Section 3. Toxicological information regarding individual ingredients, if applicable, may be found in Section 2.

**Section 12  Ecological Information**

<table>
<thead>
<tr>
<th>Mobility: Not applicable.</th>
<th>Ecotoxicity: Not applicable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Degradability: Not applicable.</td>
<td>Other Adverse Effects: Not applicable.</td>
</tr>
<tr>
<td>Accumulation: Not applicable.</td>
<td></td>
</tr>
</tbody>
</table>

**Section 13  Disposal Considerations**

Dispose of in accordance with all applicable regulations.

The conditions of handling, storage, and use of this product are beyond our control and may be beyond our knowledge. For this and other reasons, LA-CO Industries, Inc. does not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.

**Section 14  Transport Information**

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name: Not Regulated.</td>
<td>IATA: Not Regulated.</td>
</tr>
<tr>
<td>Hazard Class or Division: Not Regulated.</td>
<td>ICAO: Not Regulated.</td>
</tr>
<tr>
<td>I.D. Number: Not Regulated.</td>
<td></td>
</tr>
</tbody>
</table>

**Australian Code for the Transport of Dangerous Goods**


**Section 15  Regulatory Information**

Footnotes for Section 2:
1. Subject to the reporting requirements of SARA Title III, Section 313.
2. Appears on the California Safe Drinking Water and Toxic Enforcement Act (Prop. 65) Substances List.
3. Appears on the Massachusetts Substances List.
4. Appears on the New Jersey Right-To-Know Hazardous Substances List.
6. Appears on the Canadian WHMIS Ingredient Disclosure List.

**U.S.A.**

OSHA Hazard Status: This product is not considered to be hazardous as defined by the U.S. OSHA HCS (29 CFR 1910.1200).

EPA SARA sec. 311/312 Hazard Categories: Not Applicable.

Toxic Substances Control Act (TSCA): All ingredients contained in this product are listed on the U.S. EPA TSCA Chemical Substance Inventory.

HMIS Rating: Health 0, Flammability 0, Reactivity 0
**NFPA Rating:** Health 0, Flammability 0, Reactivity 0

**CANADA**

**WHMIS Status:** This product is not considered to be hazardous as defined by Canadian WHMIS Controlled Products Regulations.

**WHMIS Rating:** None.

**WHMIS Risk Phrases:** None.

**WHMIS Precautionary Statements:** None.

**Domestic Substances List (DSL):** All ingredients contained in this product are listed on the Canadian EPA (CEPA) Domestic Substances List (DSL).

**E.U.**

**European Inventory of Existing Chemical Substances (EINECS):** All ingredients contained in this product are listed on the European Inventory of Existing Chemical Substances (EINECS).

**Categories of Danger (Labeling Information):** None.

**Risk (R) Phrases:** None.

**Safety (S) Phrases:** None.

**AUSTRALIA**

**Worksafe Australia Status:** This product is not classified as hazardous according to criteria of Worksafe Australia.

**HAZCHEM Code:** None allocated.

**Poisons Schedule Number:** None allocated.

Further regulatory information regarding individual ingredients, if applicable, may be found in Section 2.

This product has been classified in accordance with the hazard criteria of the U.S. OSHA Hazard Communication Standard, the Canadian WHMIS Controlled Products Regulations, the British CHIP2 regulation 6, and the Australian NMRCWHS. This MSDS contains the information required by the above regulations and conforms to ANSI Z400.1-1993.

### Section 16 Other Information

**MSDS Prepared By:** Director of Chemical Safety

The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, LA-CO Industries, Inc. makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will LA-CO Industries, Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.