Material Safety Data Sheet
Kojic Acid Dipalmitate

Section 1: Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name: Kojic Acid Dipalmitate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Name: KAD-15, 2-Palmitoxyloxymethyl-5-palmitoxyloxy-r-pyrone</td>
</tr>
<tr>
<td>CAS No.: 79275-98-7</td>
</tr>
<tr>
<td>Customs Tariff No.: 291570900</td>
</tr>
<tr>
<td>Chemical Formula: C_{38}H_{66}O_{6}</td>
</tr>
<tr>
<td><strong>Contact Information:</strong></td>
</tr>
<tr>
<td>Chemtrade International</td>
</tr>
<tr>
<td>Rm. 201, Unit 3, Building 8, Shijia Garden, No. 93, Xiangjiang Road, Qingdao Development Zone, Qingdao, Shandong, China 266555</td>
</tr>
<tr>
<td>International Sales: Tel: 0086-532-86893005 Fax: 0086-532-86893005</td>
</tr>
</tbody>
</table>

Section 2: Composition and Information on Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS No.</th>
<th>EINECS No.</th>
<th>by weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kojic Acid Dipalmitate</td>
<td>79725-98-7</td>
<td></td>
<td>98.0% min.</td>
</tr>
</tbody>
</table>

Section 3: Hazards Identification

**Emergency overview:** Not available.

**Potential health effects:** Not available.

**Skin may cause skin irritation:** May be harmful if absorbed through the skin.

**Ingestion may cause irritation of the digestive tract:** May be harmful if swallowed.

**Inhalation may cause respiratory tract irritation:** May be harmful if inhaled.

Chronic not available.

Section 4: First Aid Measures

Inhalation removes from exposure to fresh air immediately.

Notes to physician.

Section 5: Fire and Explosion Data

**General information:** as in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Extinguishing media:** in case of fire, use dry chemical, chemical foam, or alcohol-resistant foam.

Section 6: Accidental Release Measures

**General information:** use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** vacuum or sweep up material and place into a suitable disposal container.

Section 7: Handling and Storage

**Handling:** avoids breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

**Storage:** store in a cool, dry place. Store in a tightly closed container.

Section 8: Exposure Controls/Personal Protection
Engineering: controls use adequate ventilation to keep airborne concentrations low.

**Personal protective equipment**

**Eyes:** wear chemical goggles.

**Skin:** wears appropriate protective gloves and clothing to prevent skin exposure.

**Clothing:** wears appropriate protective clothing to minimize contact with skin.

**Respirators:** wear a NIOSH/MSHA or European Standard EN 149 approved full-face piece airline respirator in the positive pressure mode with emergency escape provisions.

### Section 9: Physical and Chemical Properties

**Physical state:** Crystalline powder.

**Appearance:** White crystal or powder.

**Odor:** Not available.

**Vapor Pressure:** Not available.

**Viscosity:** Not available.

**Boiling point:** Not available.

**Melting point:** 93.0-97.0 deg C.

**Auto ignition temperature:** Not available.

**Flash point:** Not available.

**Explosion limits, lower:** Not available.

**Explosion limits, upper:** Not available.

**Decomposition temperature:**

**Solubility in water:** Dissoluble in water.

**Specific gravity/density:** None listed.

**Molecular formula:** C38H66O6

### Section 10: Stability and Reactivity Data

**Chemical stability:** Not available.

**Conditions to avoid:** incompatible materials.

**Incompatibilities with other materials:** strong oxidizing agents.

**Hazardous decomposition products:** carbon monoxide, carbon dioxide.

**Hazardous Polymerization:** has not been reported.

**Stability:** Stable under ordinary conditions.

### Section 11: Toxicological Information

None Listed

### Section 12: Ecological Information

None Listed

### Section 13: Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

### Section 14: Transport Information

**IATA IMO RID/ADR**

**Shipping name:** Not regulated.

**Hazard class:** None listed.

**UN number:** None.

**Packing group:** None.

### Section 15: Other Regulatory Information

Not regulated.
Section 16: Other Information

**MSDS Creation Date:** 7/07/1999  
**Revision #3 Date:** 10/03/2003

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