

Material Safety Data Sheet**Kojic acid Dipalmitate MSDS****Section 1: Chemical Product and Company Identification****Product Name:** Kojic Acid Dipalmitate **Contact Information:****Chemical Name:**

KAD-15,

2-Palmitoxyloxymethyl-5-palmitoxyloxy-r-pyrone,

**CAS No.:** 79275-98-7**Customs Tariff No. :** 291570900**Chemical Formula:** C<sub>38</sub>H<sub>66</sub>O<sub>6</sub>**Contact Information:****Hefei TNJ Chemical Industry Co.,Ltd.**

B911 Xincheng Business Center

Qianshan Road, Hefei

230004Anhui

China

Tel : (0086) 551 5418695

Fax: (0086) 551 5418697

Email: [info@tnjchem.com](mailto:info@tnjchem.com)Site: [www.tnjchem.com](http://www.tnjchem.com)**Section 2: Composition and Information on Ingredients****Composition:**

Name	CAS #	% by Weight
Kojic acid Dipalmitate	79275-98-7	98%min.

**Toxicological Data on Ingredients:** Not applicable.**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:** C<sub>38</sub>H<sub>66</sub>O<sub>6</sub>

## 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

**Ecotoxicity:** Not available.

**BOD5 and COD:** Not available.

**Products of Biodegradation:**

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The products of degradation are more toxic.  
**Special Remarks on the Products of Biodegradation:** Not available.

### Section 13: Disposal Considerations

**Waste Disposal:**

Waste disposed

### Section 14: Transport Information

**DOT Classification:** Not a DOT controlled material..

**Identification :** Not applicable.

**Special Provisions for Transport:** Not available.

### Section 15: Other Regulatory Information

Not regulated

### Section 16: Other Information

**References:** Not available.

**Other Special Considerations:** Not available.

**Created:** 10/12/2005

**Updated:** 04/22/2012

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.*