

Material Safety Data Sheet

Kojic Acid Dipalmitate

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: C₃₈H₆₆O₆

Chemtrade International

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Section 2: Composition and Information on Ingredients

Composition:

Name	CAS No.	EINECS No.	by weight
Kojic Acid Dipalmitate	79725-98-7		98.0% min.

Section 3: Hazards Identification

EMERGENCY OVERVIEW

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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