

**** MATERIAL SAFETY DATA SHEET ****

SICHUAN HUAMAI TECHNOLOGY CO., LTD

MSDS FOR KOJIC ACID DIPALMITATE, 98%

Section 1 - Chemical product and company identification

MSDS name Kojic acid dipalmitate, 98%

Chemical name is 2-Palmitoxyloxymethyl-5-palmitoxyloxy-r-pyrone, KAD-15

Supplier:

SICHUAN HUAMAI TECHNOLOGY CO., LTD

Address: No 8, Ziding Lane, HI-TECH Industrial Development Zone, Chengdu, 610041, China

Tel: +86 28 8514 2578 Fax: +86 28 8514 2568

Section 2 - Composition, information on ingredients

CAS#: 79725-98-7.

EINECS#: None listed

Hazard symbols: None listed.

Risk phrases: None listed.

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 fighting measures

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

Molecular weight: 618.9.

Section 10 - Stability and Reactivity

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 - Regulatory information

Not regulated.

Section 16 - Additional information

Not regulated.

Confirmed by:

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