

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

SICHUAN HUAMAI TECHNOLOGY CO., LTD

MSDS FOR KOJIC ACID, 99%

Section 1 - Chemical product and company identification

MSDS name Kojic acid, 99%

Chemical name is 5-hydroxy-2-hydroxymethyl-1, 4-pyrone

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#: 501-30-4.

EINECS#: 207-922-4

Hazard symbols: None listed.

Risk phrases: None listed.

Section 3 - Hazards identification

Emergency overview: Not available.

Potential health effects: Not available.

Eye may cause eye irritation: Use water to wash if the product enters your eyes.

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

Eyes flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin gets medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion gets medical aid. Wash mouth out with water.

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 water, 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.

PH: 4.5 or so

Vapor Pressure: Not available.

Viscosity: Not available.

Boiling point: Not available.

Melting point: 152.0 - 155.0 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: Soluble in water.

Specific gravity/density:

Molecular formula: C₆H₆O₄.

Molecular weight: 142.1.

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

LD₅₀: 2500~3500 Mg/Kg.

Section 12 - Ecological information

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: .

UN number:.

Packing group: .

Section 15 - Regulatory information

Section 16 - Additional information

Confirmed by:

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