



SAFETY DATA SHEET

1. IDENTIFICATION

NAME OF PREPARATION OR SUBSTANCE:	Kojic Acid Dipalmitate
SYNONYM:	Kojic Dipalmitate
CHEMICAL NAME:	2-Palmitoyloxymethyl-5-palmitoyloxy-pyrone
CAS#:	79725-98-7
SUPPLIER NAME:	YellowBee Packaging and Supplies Inc.
SUPPLIER ADDRESS:	#106 2880 107 Ave SE Calgary AB T2Z3R7 Canada
TELEPHONE NUMBER:	(587) 352 3929
RECOMMENDED USE:	Domestic and Industrial

Section 2: Composition/Data on components

Composition: 2-Palmitoyloxymethyl-5-palmitoyloxy-pyrone (CAS#: 79725-98-7): 100%

Section 3: Hazards identification

Material description: White crystalline powder

Emergency overview: Not available.

Potential health effects: Not available.

Skin: May cause skin irritation if absorbed through the skin

Ingestion: May cause irritation of the digestive tract if swallowed

Inhalation: May cause respiratory tract irritation if inhaled.
Chronic not available.

Information pertaining to particular dangers for man and environment: Not available

Section 4: First aid measures

- After inhalation:** Supply fresh air. If required, provide artificial respiration.
Keep patient warm.
Seek immediate medical advice.
- After serious inhalation:** Not available.
- After skin contact:** Wash with soap and water. Get medical attention develops.
- After serious skin contact:** Not available.
- After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- After ingestion:** Do not vomiting unless directed to do so by medical personnel.
Never give anything by mouth to an unconscious person.
If large quantities of this material are swallowed, call a physician immediately.
Loosen tight clothing such as a collar, tie, belt or waistband.
- After serious ingestion:** Not available.

Section 5: Fire fighting measures

- Suitable extinguishing agents:**
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.
- Special hazards caused by the material, its products of combustion or resulting gases:**
In case of fire, the following can be released: Carbon monoxide and carbon dioxide.

Section 6: Accidental release measures

- Person-related safety precautions:**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation.
- Measures for environmental protection:**
Do not allow material to be released to the environment without proper governmental permits.
- Measures for cleaning/collecting:** Pick up mechanically.
- Additional information:** See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

Section 7: Handling and storage

Handling:

Information for safe handling:

- Keep container tightly sealed.
- Store in cool, dry place in tightly closed containers.
- No special precautions are necessary if used correctly.

Information about protection against explosions and fires:

- Keep ignition sources away.

Storage:

Requirements to be met by storerooms and receptacles:

- No special requirements.

Further information about storage conditions:

- Keep container tightly sealed.
- Store in cool, dry conditions in well sealed containers.

Section 8: Exposure controls and personal protection

Additional information about design of technical systems:

- Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.

Components with limit values that require monitoring at the workplace: Not required.

Additional information: No data.

Personal protection equipment:

General protective and hygienic measures:

- The usual precautionary measures for handling chemicals should be followed.
- Keep away from foodstuffs, beverages and feed.
- Remove all soiled and contaminated clothing immediately.
- Wash hands with organic cleaning agent before breaks and at the end of work.

Breathing equipment:

- Use suitable respirator when high concentrations are present.

Protection of hands:

- Check protective gloves prior to each use for their proper condition.

Eye protection:

- safety glasses.

Body protection:

- Protective work clothing

Section 9: Physical and chemical properties

General Information: White crystalline powder.

Molecular weight: 618.94 g/mole.

Change in condition:

Melting point/Melting range: 92~96°C.

Boiling point/Boiling range: Not available.

Sublimation temperature / start: Not available.

Flash point: Not available.

Ignition temperature: Not available.

Decomposition temperature: Not available.

Danger of explosion: Product does not present an explosion hazard.

Explosion limits: Not available.

Vapor pressure: Not available.

Solubility: Insoluble in water. Slightly soluble in alcohol. Soluble in benzene or hot isopropyl palmitate.

Section 10: Stability and reactivity

Stability: The product is stable.

Thermal decomposition / conditions to be avoided:

Decomposition will not occur if used and stored according to specifications.

Corrosivity: Non-corrosive in presence of glass.

Polymerization: Will not occur.

Dangerous reactions: No dangerous reactions know.

Dangerous products of decomposition:

Carbon monoxide and carbon dioxide.

Section 11: Toxicological information

Routes of entry: Absorbed through skin, eye contact, inhalation, ingestion.

Toxicity to animals: Not available.

Chronic exposure - reproductive hazard: Not available.

Chronic effects on humans: Not available.

Special remarks on Chronic effects on humans: Not available.

Additional toxicological information:

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.

Not listed by ACGIH, IARC, NTP, or CA Prop 65.



Section 12: Ecological information

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water cause or sewage system..

Do not allow material to be released to the environment without proper governmental permits.

Toxicity of the products of biodegradation:

The product itself and its products of degradation are not toxic.

Special remarks on the products of biodegradation: Not available.

Section 13: Disposal considerations

Product:

Recommendation:

Consult state, local or national regulations to ensure proper disposal.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agent: Organic cleansing agents.

Section 14: Transport information

Not a hazardous and dangerous material for transportation.

Section 15: Regulations

Product related hazard informations:

Observe the general safety regulations when handling chemicals.

National regulations about safety, environment, toxic and harmful chemical substance:

This product is not listed related directories in all countries.

Information about limitation of use:

For use only by technically qualified individuals.



Section 16: Other information

The information provided above is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Although YellowBee Packaging and Supplies Inc. believes the above information to be accurate based on the information available to YellowBee, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from YellowBee meets their quality requirements and is appropriate for the use to which the product is to be put. Use and purchase of this material is subject to YellowBee Packaging and Supplies Inc. standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.

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