Kojic Dipalmitate

Product Name: Kojic Dipalmitate
Distributor: MakingCosmetics.com Inc.
Address: 35318 SE Center Street
Snoqualmie, WA 98065 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: www.makingcosmetics.com
Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Kojic Dipalmitate
Synonyms: Kojic dipalmitate
INCI Name: Kojic acid
CAS Number: 79725-98-7
Formula: Not available
Product Form: Solid
Product Use: Cosmetic use

2 HAZARDS IDENTIFICATION

GHS Classification: Not classified
GHS Labeling: Not classified
GHS Hazard Pictograms: None
GHS Hazard Statements: None
GHS Precautionary Statements: None
Potential Health Hazards:
- Eyes: No data available.
- Inhalation: No data available.
- Skin: No data available.
- Ingestion: No data available.

NFPA Ratings (704):
- Health: n/a
- Flammability: n/a
- Reactivity: n/a
- Specific Hazard: n/a

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component | CAS No. | Weight % | Molecular Weight
--- | --- | --- | ---
Kojic acid | 501-30-4 | 95% | N/A
Palmitic acid | 57-10-3 | 5% | N/A

4 FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. If irritation persists get medical attention.
Inhalation: No special measures necessary.
Skin: Cool aggrieved spots with cold, running water in the event of burns. Do not take off solidified product from skin. Refer for medical treatment.
Ingestion: Consult a physician. Do not induce vomiting.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:
- Foam, dry powder, carbon dioxide. Do not use water.
Special protective equipment & precautions for firefighters:
- Firefighters should wear full protective clothing including self-contained breathing apparatus.
Flash Points: >150°C
Specific hazards arising from the chemical:
- Carbon monoxide, carbon dioxide, smoke

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions: Do not discharge into the drains/surface waters/ground water.
Methods and material for containment: Avoid dust formation. Take up mechanically.
7 HANDLING & STORAGE

Precautions for safe handling: Keep away from ignition sources - no smoking. Avoid the formation and deposition of dust.
Conditions for safe storage, incl. any incompatibilities: Protect from light, heat and direct solar radiation. Store container in a cool, well-ventilated place.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Component</th>
<th>Exposure Limits</th>
<th>Basis</th>
<th>Entity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kojic dipalmitate</td>
<td>Not available</td>
<td>TWA: Time Weighted Average over 8 hours of work.</td>
<td>STEL: Short Term Exposure Limit during x minutes.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TLV: Threshold Limit Value over 8 hours of work.</td>
<td>IDLH: Immediately Dangerous to Life or Health</td>
</tr>
<tr>
<td></td>
<td></td>
<td>REL: Recommended Exposure Limit</td>
<td>WEEL: Workplace Environmental Exposure Levels</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PEL: Permissible Exposure Limit</td>
<td>CEIL: Ceiling</td>
</tr>
</tbody>
</table>

Personal Protection:
Eyes: Safety glasses, goggles, or face shield recommended for eye protection.
Inhalation: None needed but appropriate NIOSH approved respiratory protection may be worn.
Body: Gloves recommended to prevent prolonged skin contact.
Other: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance, Physical State</td>
<td>Solid powder</td>
</tr>
<tr>
<td>Odor</td>
<td>None</td>
</tr>
<tr>
<td>Taste</td>
<td>Not available</td>
</tr>
<tr>
<td>Color</td>
<td>Slight yellow to off-white glossy</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH (1% sol. in water)</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>92-95°C</td>
</tr>
<tr>
<td>Loss on Drying</td>
<td>2.0 max.</td>
</tr>
<tr>
<td>Heavy Metals</td>
<td>20ppm max.</td>
</tr>
<tr>
<td>Assay (HPLC)</td>
<td>95.0% Minimum</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not available</td>
</tr>
<tr>
<td>Explosive Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in water at 20°C</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>Not available</td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions.
Chemical Stability: Stable under normal conditions.
Hazardous Polymerization: None known
Conditions to Avoid: Avoid intensive contact with strong oxidants. Accumulation of fine dust may entail the risk of a dust explosion in the presence of air.
Incompatible Materials: Not determined.
Hazardous Decomposition Products: No decomposition if used as directed.

11 TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Toxicity</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity</td>
<td>Not available</td>
</tr>
<tr>
<td>Skin</td>
<td>Not available</td>
</tr>
<tr>
<td>Eyes</td>
<td>Not available</td>
</tr>
<tr>
<td>Respiratory</td>
<td>Not available</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Not available</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not available</td>
</tr>
<tr>
<td>Teratogenicity</td>
<td>Not available</td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td>Not available</td>
</tr>
<tr>
<td>Embryotoxicity</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific Target Organ Toxicity</td>
<td>Not available</td>
</tr>
<tr>
<td>Reproductive Toxicity</td>
<td>Not available</td>
</tr>
<tr>
<td>Respiratory/Skin Sensitization</td>
<td>Not available</td>
</tr>
</tbody>
</table>
12 ECOLOGICAL INFORMATION

Ecotoxicity
Aquatic Vertebrate: Not available
Aquatic Invertebrate: Not available
Terrestrial: Not available
Persistence and Degradability: Not available
Bioaccumulative Potential: Not available
Mobility in Soil: Not available
PBT and vPvB Assessment: Not available
Other Adverse Effects: Not available

13 DISPOSAL CONSIDERATIONS

Waste Residues: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods.

14 TRANSPORT INFORMATION

DOT (Dept. of Transportion, USA): Not regulated
TDG (Transportation of Dangerous Goods, Canada): Not regulated
IMDG (International Maritime Dangerous Goods): Not regulated
IATA (International Air Transport Association): Not regulated
ICAO (International Civil Aviation Organization): Not regulated

15 REGULATORY INFORMATION

TSCA Inventory Status: No data available
DSCL (EEC): This product is not classified according to the EU regulations. Not applicable.
WHMIS (Canada): Not controlled under WHMIS (Canada)

16 OTHER INFORMATION

Revision Date: 01-02-2018
Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
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