

Kojic Dipalmitate

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 09-08-2015
Supersedes: 01-02-2018

1 PRODUCT & COMPANY IDENTIFICATION

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|--|--|
| Product Name: Kojic Dipalmitate | Distributor: MakingCosmetics.com Inc. |
| Synonyms: | Address: 35318 SE Center Street |
| INCI Name: Kojic dipalmitate | Snoqualmie, WA 98065 (USA) |
| CAS Number: 79725-98-7 | Phone / Fax: 425-292-9502 / 425-292-9601 |
| Formula: Not available | Web: www.makingcosmetics.com |
| Product Form: Solid | |
| Product Use: Cosmetic use | Emergency Telephone Number: 1-800-424-9300 (Chemtrec) |

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): | <table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td>n/a</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td>n/a</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td>n/a</td> </tr> <tr> <td>Specific Hazard</td> <td>n/a</td> </tr> </table> | Health | n/a | Flammability | n/a | Reactivity | n/a | Specific Hazard | n/a |
| Health | n/a | | | | | | | | |
| Flammability | n/a | | | | | | | | |
| Reactivity | n/a | | | | | | | | |
| Specific Hazard | n/a | | | | | | | | |

3 COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Component</u> | <u>CAS No.</u> | <u>Weight %</u> | <u>Molecular Weight</u> |
|------------------|----------------|-----------------|-------------------------|
| 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

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| 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

| <u>Component</u> | <u>Exposure Limits</u> | <u>Basis</u> | <u>Entity</u> |
|-------------------|------------------------|--------------|---------------|
| Kojic dipalmitate | Not available | | |

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

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

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

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

| | |
|--|---------------|
| Acute Toxicity: | Not available |
| Skin: | Not available |
| Eyes: | Not available |
| Respiratory: | Not available |
| Ingestion: | Not available |
| Carcinogenicity: | Not available |
| Teratogenicity: | Not available |
| Germ Cell Mutagenicity: | Not available |
| Embryotoxicity: | Not available |
| Specific Target Organ Toxicity: | Not available |
| Reproductive Toxicity: | Not available |
| Respiratory/Skin Sensitization: | Not available |

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 Transportation, 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

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.