

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910.1200. Standard must be consulted for specific regulations.

COMMON NAME Kojic Acid Dipalmitate

Quick Identifier

Common Name (Used on Label and List)

SECTION I - GENERAL INFORMATION

Manufacturer's Name - **JARCHEM INDUSTRIES, INC.**
Address - **414 Wilson Avenue**
Newark, NJ 07105
Emergency Telephone # - **(973) 344-0600**
Other Information Calls - **(973) 344-0600**
Date Prepared - **January 7, 2008**

Secondary Telephone No.: **CHEMTREC**
(800) 424-9300
24 Hour a Day

CHEMICAL & COMMON NAMES: Kojic Acid Dipalmitate

CAS NUMBER: 79725-98-7

HMIS: **H-1, F-O, R-, P-O**

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY

HAZARDOUS COMPONENT(S) [CHEMICAL & COMMON NAMES]:

Non-hazardous Chemical

OSHA PEL	ACGIH TLV	Other Exposure Limits	% (Optional)	CAS NUMBER

SECTION III - PHYSICAL & CHEMICAL CHARACTERISTICS

APPEARANCE & ODOR: Off white powder
MELTING POINT(°F): 93-97°C
BOILING POINT(°F): N/A
SPECIFIC GRAVITY (H₂O = 1): N/A

VAPOR DENSITY (AIR = 1): N/A
VAPOR PRESSURE (mmHg): N/A
PH: N/A
ACTIVITY: (%) N/A
SOLUBILITY IN WATER: Insoluble in water
REACTIVITY IN WATER: N/A

SECTION IV- FIRE & EXPLOSION DATA

FLASH POINT: N/A Method Used = N/A

FLAMMABLE LIMITS IN AIR BY VOLUME: LEL Lower – N/A UEL Upper – N/A

AUTO-IGNITION TEMPERATURE: N/A

EXTINGUISHER MEDIA: Foam, carbon dioxide water or dry chemicals. Water should be used to disperse vapors and flush spill away from the fire.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighter should use positive pressure self-contained breathing apparatus to avoid exposure to smoke and vapor.

UNUSUAL FIRE & EXPLOSIVE HAZARDS: N/A

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SECTION V - PHYSICAL HAZARDS (REACTIVITY DATA)

STABILITY: Stable Unstable CONDITIONS TO AVOID: N/A

INCOMPATIBILITY (MATERIALS TO AVOID): keep way from heat, light and air.
HAZARDOUS DECOMPOSITION PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: May Occur Will NOT Occur
CONDITIONS TO AVOID: N/A

SECTION VI - HEALTH HAZARDS

1. ACUTE: N/A 2. CHRONIC: N/A

SIGNS & SYMPTOMS OF EXPOSURE: N/A

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/A

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:

National Toxicology Program - Yes No I.A.R.C. Monographs Yes No OSHA Yes No

EMERGENCY AND FIRST AID PROCEDURES:

ROUTES OF ENTRY:

- 1. Inhalation Remove from exposure and Consult a physician.
- 2. Eyes Overexposure may causes irritation.
- 3. Skin Overexposure may cause skin irritation.
- 4. Ingestion Overexposure not determined.

SECTION VII - SPECIAL PRECAUTION AND SPILL / LEAK PROCEDURES

PRECAUTION TO BE TAKEN IN HANDLING AND STORAGE: Avoid breathing dust or vapors. Do not get in eyes. Open, handle and use under well-ventilated conditions. Was thoroughly after handling. Always wash up before eating, Smoking, or using toilet facilities. Store in cool dry place.

OTHER PRECAUTIONS: Implement standard safety precaution for handling finely divided organic powder. Eliminate likely sources of ignition, such as static buildup. Maintain good housekeeping. Provided adequate ventilation. Properly maintain and operate dust control devices. All equipment should be properly bonded and grounded.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Vacuum or sweep into closed container for disposal. Use care to avoid dust generation. Wear NIOSH respirator approved for nuisance dusts if conditions exist were dust is possible. Do not flush chemical into public sewer or water system. Avoid contact with water because a very slippery film will form. Breakdown any films for clean up with salt water or detergent solution.

WASTE DISPOSAL METHODS (CONSULT FEDERAL, STATE & LOCAL REGULATIONS)

Remove to landfill or incinerate in accordance with local state federal, and regulations before disposing of this material.

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SECTION VIII -FIRST AID MEASURES

1. Inhalation: Remove from exposure, Monitor breathing and Consult a physician.
2. Eyes: Immediately flush with copious amounts of water. Continue flushing for at least 15 minutes, if redness, itching or a burning sensation develops, have eyes examined and treated by medical personnel.
3. Skin: Remove contaminated clothing. Wash the affected area with plenty of soap and water. Wash contaminated clothing before reuse. If irritate develops, consult a physician.
4. Ingestion: No hazards determined.

SECTION IV - SPECIAL PROTECTION INFORMATION / CONTROL MEASURES

RESPIRATORY PROTECTION: (specify type): Wear NIOSH respirator approved for nuisance dust

VENTILATION: KEEP Concentration below 5mg/cu meter.

LOCAL EXHAUST: N/A

MECHANICAL (GENERAL): Handle in presence of adequate mechanical ventilation.

SPECIAL: N/A

PROTECTIVE GLOVES: Wear protective gloves.

EYE PROTECTION: Wear mono goggles suitable for keeping dust out of the eyes.

OTHER PROTECTIVE Eye wash station and safety shower in work area.

WORK / HYGIENIC PRACTICES: Avoid contact with eyes, skin, and clothing, Wash thoroughly after handling. Wear protective clothing.

SECTION X – Regulatory Information

All components of this product are registered in the TSCA Inventory. This product does not contain material regulated under SARA Title III section 313. This information is supplied under the OSHA Hazard communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to use that we believe to true and accurate.

United States Listed on the United States TSCA (Toxic Substances Control Act) inventory