



Material Safety Data Sheet – Coconut Fatty Acid

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: COCONUT FATTY ACID

Product Use: Industrial, cleaners, lubricants, soaps, surfactants, agricultural additives, coatings, food additives, textile additives.

Company Name: Earth Like Organics

Company Address: B-810, Dev Aurum Commercial Complex, Prahalad Nagar, Ahmedabad Gujarat, India .380015

Date Issued: 10/02/2021

Emergency Telephone Number:

2. COMPOSITION/INGREDIENT INFORMATION Ingredients:

Vegetable Oil Triglycerides: 100% FROM COCONUT

Hazardous Components: No ne

CAS #: 67701-05-7

3. HAZARDS IDENTIFICATION

Routes of Entry

Eye Contact: Accidental exposure to the eyes will cause only a mild but transient irritation

Skin Contact: Mild, primary skin irritation with prolonged or repeated contact. Heated product may cause thermal burns if contacted

Ingestion: May cause sore throat, gastrointestinal irritation, and stomach pain.

Inhalation: Inhalation of fine mist may affect respiratory system

4. FIRST AID MEASURES

Eyes: Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.

Skin: Wash with soap and flush with plenty of water for at least 15 minutes.

Ingestion: Treat symptomatically and supportively. Maintain airway and respiration. If vomiting occurs, keep head below hips to prevent aspiration. Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. If unconscious, the victim should not be given anything to drink.

Inhalation: Take person into fresh air and allow to rest

Medical Conditions Generally Aggravated by Exposure: Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin disease.

5. FIRE FIGHTING MEASURES

Flash Point (Method Used): > 160°C Close Cup

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Flammability: Slight fire hazard when exposed to heat or flame

Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam

Special Firefighting Procedures:

Cool containers exposed to flame with water. Limit the spread of oil. Treat as an oil (edible fat) fire. Use air supplied equipment for fighting interior fires. **DO NOT USE WATER TO EXTINGUISH.**

Unusual Fire & Explosion Hazards: As with all unsaturated fats and oils, some porous materials such as rags, paper, insulation or clay when wetted with this product may undergo spontaneous combustion. Keep such wetted materials well-ventilated to prevent possible heat build-up.

Hazardous Decomposition Materials: CO, CO₂

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Methods for Cleaning Up: Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water. Floors will be slippery; take precautions.

Leak And Spill Procedures: Remove sources of ignition, ventilate area, sweep up the liquid in dry sand and shovel into a closed container. Collect spillages into sumps/traps so as to minimise contamination of drains, surface & ground waters.

7. HANDLING AND STORAGE

Handling

Safe Handling: Avoid direct or prolonged contact with skin and eyes. Avoid breathing oil mist.

Storage

Requirements for Storage Areas and Containers: Store in a room temperature. Store in a tightly closed container.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Introductory Remarks:

These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance to the section entitled Disposal Considerations.

Exposures Guidelines:

Engineering controls are usually not necessary if good hygiene practices are strictly followed. Respiratory protection is generally not required during normal operations. Wear the following to prevent skin contact: work pants, long sleeve work shirt, and work gloves. Where there is the danger of eye contact, wear splash proof goggles.

Threshold Limit Value:

Liquid: None;

Oil Mist: 10 mg/m³; total particulate.

Personal hygiene is an important work practice exposure control measure and the following general

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measures should be taken when working with or handling this material:

Work Practice Controls:

(1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. (3) Wash exposed skin promptly to remove accidental splashes or contact with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid oil above 30 °C

Color: Dark Yellow to brown in color

Odor: Characteristic Fatty Acid Odor

Vapor Pressure : 100 mm Hg at 445°F

Vapor Density (AIR = 1): 6.91

Boiling Point: 160 °C

Melting Point: 22 - 26 °C

Specific Gravity (H₂O = 1): 0.912 at 25 °C

Evaporation Rate: Not Available

Solubility in Water: Insoluble Water

Reactive: No

10. STABILITY AND REACTIVITY

Stability: This material is stable under normal conditions described in that section.

Incompatibility (Materials to Avoid): Bases, reducing agents, strong oxidizers, metals

Conditions to Avoid: Avoid contact with incompatible substances and excessive heat

Hazardous Decomposition or CO, CO₂ By products

Hazardous Polymerization: Will Not Occur

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity: Practically non-toxic. The acute oral LD₅₀ for rates is greater than 22g/kg of body weight.

Skin Safety: Undiluted coconut fatty acids produced mild, primary irritation on normal skin a 24- hour occluded patch test with humans.

Eye Safety: Undiluted coconut fatty acid produced mild transient eye irritation with rabbit

12. ECOLOGICAL INFORMATION

96 hour LC₅₀ Bluegills: 900mg/l

Microbiological Inhibition: None @ 10,000 mg/l

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:

Chemical additions, processing or otherwise altering this material may make the waste management

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information present in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

14. TRANSPORT INFORMATION

Transportation Status:

IMPORTANT! Statements below provide additional data on listed DOT classification.

The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

DOT Classification: Not Regulated

IATA: Not Regulated

IMDG: Not Regulated

15. REGULATORY INFORMATION

According to the data available the product is not a regulated product. However one should observe the prescribed Federal, State & Local measures for dealing with chemicals.

Listed on EINECS(EU), TSCA(USA), DSL(Canada), AICS (Australia), MITI(Japan), Korea & Philippines. EINECS No. : Coconut Fatty Acid 2669290

Not listed as a Carcinogen by NTP, IARC or OSHA

UNITED STATES (TSCA) Yes: All ingredients are on the inventory.

16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bullet in should be provided to your employees or customers.

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CONTACT POINT

FURTHER INFORMATION MAY BE OBTAINED FROM THE HEAD OFFICE:

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