

SAFETY DATA SHEET

EC Regulation No.1907/2006 (REACH) & 1272/2008 (CLP)

THIS PRODUCT IS FOR EXTERNAL USE ONLY - DO NOT INGEST

1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

Product identifier

Commercial Name: COCONUT FRACTIONATED OIL
INCI Name: CAPRYLIC/CAPRIC TRIGLYCERIDE
C8-C10 Triglyceride - Produced from Pure Coconut Oil
CAS No: 73398-61-5
EINECS No: 277-452-2
TSCA CAS No: 65381-09-1
FEMA:
Chemical Name:
Botanical Name: *Cocos nucifera*
Origin: Indonesia

Relevant identified uses of the substance or mixture and uses advised against

Identified use (s): Emollient, Masking, Skin Conditioning material for manufacturing purposes.

Details of the supplier of the safety data sheet

Company Name: BAY HOUSE INGREDIENTS
Contact: JOHN BLACK
Address: Unit 3 Quatro Park, Tanners Drive, Milton Keynes MK14 5FJ ENGLAND
Telephone : ☎ + 44 (0) 1908 210270
Fax: ☎ + 44 (0) 1908 211376
Email : ✉ sales@bay-house.co.uk
Emergency Tel. No.: ☎ + 44 (0) 1908 210270

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification according to Regulation (EC) No. 1272/2008 (CLP)
EU DSD Classification according to Directive 67/548/EEC (Hazardous substances) and its adaptations.

Classified as NON-HAZARDOUS according to criteria of EC GHS and EU DSD

Hazard Symbols: NONE ALLOCATED

Hazard Statement: NON HAZARDOUS

3. COMPOSITION/INFORMATION ON CONSTITUENTS

Nature Of Product: COCONUT FRACTIONATED OIL (100% Pure & Natural)

Mixed tri-ester of Glycerin, Caprylic & Capric Acids from *Cocos nucifera*

EINECS No: 277-452-2
FEMA:

CAS No: 73398-61-5
FDA:

TSCA CAS No: 65381-09-1
HC (%):

Constituents: Glycerides of vegetable origin, mixed decanoyl and octanoyl

4. FIRST AID MEASURES

- Ingestion:** Do not induce vomiting, give a glass of water. If unwell seek medical attention and show this information.
- Inhalation:** Remove casualty to fresh air, keep respiratory passages clear and seek medical attention.
- Eye contact:** Irrigate with sterile water or saline for at least 15 minutes. Seek medical attention if irritation persists or tissue damage is apparent.
- Skin contact:** Remove contaminated clothing wash thoroughly with soap and water and rinse. May cause irritation after prolonged contact, if so seek medical advice.

5. FIRE-FIGHTING MEASURES

- Extinguisher:** Use CO₂, Foam or Powder extinguishers only.
DO NOT USE WATER JETS.
- Smoke/Fumes:** Avoid inhalation of smoke or fumes, may produce CO (carbon monoxide) and CO₂ (carbon dioxide).

6. ACCIDENTAL RELEASE MEASURES

- Personal Safety Precautions:** Avoid contact with skin and eyes. Wear safety gloves and glasses. Note that spillages constitute a slipping hazard. When product is heated, splashes with HOT OIL can cause severe burns. (Consult sections 7 & 8 for additional information)
- Environmental Safety Precautions:** Eliminate all sources of ignition. Prevent any material entering drains or waterways.

Absorb spills into an inert absorbent material (e.g. proprietary oil drying granules or sand NOT sawdust or other flammable materials.) Wash area clean with water and detergent. Transfer all waste to an approved waste disposal container, observing national legislation.

7. HANDLING AND STORAGE

- Handling Precautions:** Only use in a well ventilated area. Observe good housekeeping procedures when handling the product. Do not eat, drink or smoke.
- Storage Precautions:** Product is stable at room temperature. Keep away from sources of ignition. Store in tightly sealed containers, in a cool dry place away from direct sunlight. Prevent access by unauthorised personnel.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

The derived no- or minimum effect level (DN(M)EL) is the level of exposure above which a human should not be exposed to a substance. Data supplied is for Glycerides, C8-18 and C18-unsatd. mono- and di-, acetates

- Inhalation Exposure:** No hazard identified
- Respiratory Protection:** Ensure adequate ventilation. If ventilation is insufficient use approved respirators.
- Dermal Exposure:** No hazard identified
- Skin/Hand Protection:** Wear personal protective equipment. Use chemical resistant safety gloves. Polyvinyl alcohol or nitrile rubber gloves are recommended.
- Eye Exposure:** No hazard identified
- Eye/Face Protection:** Wear safety glasses/visors. Ensure eye washes are available.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid.
Odour:	Neutral odour
Saponification Value:	325 - 345
Flash Point:	250°C
Ignition Temperature:	425°C
Decomposition Temperature:	>300°C
Acid Value mg KOH/g oil:	0.2 Max
Peroxide Value meq O₂/kg oil:	0.2 Max
Specific Gravity @ 20°C:	0.940 - 0.960
Refractive Index @ 20°C:	1.448 - 1.451

10. STABILITY AND REACTIVITY

<u>Thermal stability:</u>	Product is stable at room temperature. Keep away from any source of ignition. Decomposition may release carbon dioxide, carbon monoxide and other organic compound fumes.
<u>Hazardous reactions:</u>	Avoid strong oxidisers, acids and alkalis.

11. TOXICOLOGICAL INFORMATION

<u>Oral LD50:</u>	N/A	This product is NOT intended for oral use.
<u>Dermal LD50:</u>	N/A	

LD50 dosage levels are only a guideline obtained from historical data, Bay House Ingredients does not test its products on animals.

12. ECOLOGICAL INFORMATION

The Predicted No-Effect Concentration (PNEC) value is the concentration of a substance below which adverse effects in the environment are not expected to occur. Data supplied is for Glycerides, C8-18 and C18-unsatd. mono- and di-, acetates

Hazard for Aquatic Organisms

Freshwater	11 µg/L
Marine water	1.1 µg/L
Intermittent releases	110 µg/L
Sewage treatment plant	1.51 mg/L
Sediment (freshwater)	5.67 mg/kg sediment dw
Sediment (marine water)	567 µg/kg sediment dw

Hazard for Air

Air No hazard identified

Hazard for Terrestrial Organism

Soil 20 mg/kg soil dw

Hazard for Predators

Secondary poisoning No potential for bioaccumulation

13. DISPOSAL CONSIDERATIONS

<u>Waste disposal:</u>	Do not pour into drains or waterways. Comply with local and national regulations for waste disposal. Empty containers should be washed thoroughly with detergent before being sent for disposal. Washings should be disposed of as waste.
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14. TRANSPORT INFORMATION

Transport this product in compliance with and provision of, the ADR/RID for Road and Rail, IMDG for Sea and ICAO/IATA for Air transportation.

UN Shipping Name (N.O.S.): VEGETABLE OIL
ADR/RID (Road/Rail): Not restricted
IMDG-CODE (Sea): Not listed
ICAO/IATA (Air): Not regulated
UN Number:
Packing Group:
Subsidiary Risk:
Packing Instructions: Non-hazardous substance, transport in suitable container.

Labelling according to ADR/RID, IMDG/IMO and ICAO/IATA:

UN Shipping Name: VEGETABLE OIL

15. REGULATORY INFORMATION

Product Classification: COCONUT FRACTIONATED OIL

This product is labelled according to the criteria of Directive CLP 1272/2008/EC.

Classification: NON- HAZARDOUS

Safety Precautions: Do not eat, drink or smoke when using this product.
Wear protective gloves and wash hands thoroughly after handling.
Keep container tightly closed.
Avoid release to the environment.

16. ADDITIONAL INFORMATION**Legal disclaimer:**

The information given on this material health and safety sheet is not a warranty as to the performance or suitability of the product. The information must be regarded only as a description of the health, safety and environmental requirements for that product. The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive. Bay House Ingredients is a Division of Aroma Trading Ltd, Registered No. 2698381, V.A.T. Registration No. 600 516 981 and as such, shall not be held liable for any damage resulting from handling or from contact with the product, since the conditions of use are out of our control. It is the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.