

SAFETY DATA SHEET

Fractionated Coconut Oil

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Fractionated Coconut Oil
Product Number: EOC108
Company: Essential Oil Company
2150 Industrial Drive
Niles, MI 49120 - United States
T 888-541-9089
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CCN: 1026184

2. HAZARD IDENTIFICATION

Classification of the Substance or Mixture

Classification This substance is not classified according to Globally Harmonized System (GHS)

Label Elements

Pictograms: Not applicable
Signal Word: Not applicable
Hazard Phrases: Not applicable
Precaution Phrases: Not applicable

Other Hazards

PBT: Not applicable
vPvB: Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	CAS NO.
Glycerides, mixed decanoyl and octanoyl	73398-61-5

4. FIRST AID MEASURES

Description of First Aid Measures

- Ingestion:** Rinse mouth with water and drink plenty of water. Do not induce vomiting, call for medical help immediately.
- Inhalation:** Supply fresh air. In case of breathing difficulty, try artificial respiration. Get medical attention as soon as possible.
- Skin Contact:** Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor
- Eye Contact:** Rinse cautiously with water for several minutes. If symptoms persist, immediately seek medical attention

Most Important Symptoms and Effects, both Acute and Delayed

No further relevant information available

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Suitable: Carbon dioxide, powder or water spray Fight larger fires with water spray

Not Suitable: Water jet.

Special hazards arising from the substance or mixture

No data available

Hazardous Thermal Decomposition

Upon combustion CO and CO₂ are formed.

Advice for Firefighters

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wear self-contained breathing apparatus and protective clothing

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Wear protective clothing and equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol

Environmental Precautions

Do not allow product discharge to sewage system or any water course or onto the ground.

Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust)
Dispose of the material collected according to regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Ensure good ventilation/exhaustion at the workplace. Keep away from heat and direct sunlight.

Keep ignition sources away. Do not smoke.

Conditions for Safe Storage, including any incompatibilities

Store in tightly sealed, cool, well-ventilated and dry place. Store away from oxidising agents
Keep away from heat and direct sunlight

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limits

No data available

Exposure Controls

No special measures required.

Appropriate Engineering Limits

Eye/Face Protection: Use Safety glasses

Skin Protection: Wear chemically resistant protective gloves.



Protective gloves

Respiratory Protection: In case of brief exposure or low pollution use respiratory filter device. In case intensive or longer exposure use self-contained respiratory protective device.

Other Information: Follow standard industrial practice for handling chemicals

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Form	Liquid
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Colour	Light Yellow
Odour	Odourless
Odour Threshold	Not Determined
PH Value	Not Applicable
Boiling point/boiling range	Undetermined
Melting point/Melting range	ca. 0-10 °C
Cloud Point	ca. <-5°C (ISO 3015)
Flash point	ca. > 220°C (Cleveland Open Cup)
Flammability (solid, gas)	Not Applicable
Self-igniting	Not Determined
Decomposition temperature	Not Determined
Vapour pressure at 20 °C	ca. < 0.01 Pa
Density at 20 °C	ca. 0.94 g/cm ³
Relative Density	Not Determined
Vapour Density	Not Determined
Evaporation rate	Not Determined
Solubility in/Miscibility with water at 20 °C	< 1 mg/L (QSAR)
Segregation coefficient: n-octanol/water	ca. 8.2 – 10.9 log Pow (QSAR)
Viscosity Dynamic at 20 °C	ca. 25 - 33 mPas
Viscosity Kinematic	Not Determined

10. STABILITY AND REACTIVITY

Reactivity: No data available

Chemical Stability: Stable under normal operational condition

Possibility of Hazardous Reactions:

No dangerous reaction known.

Conditions to Avoid: Described in Section 7

Incompatible Materials: Described in Section 7

Hazardous Decomposition Products:

Irritant gases/vapours

11. TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Acute Toxicity

LD50 Oral-rat : >5000 mg/kg bw (OECD 401, Triglyceride C8-C12)

LD50 Inhalative-rat: >2000 mg/kg bw (RA Glycerides, C16-18 & C18-hydroxy mono- & di-)

Eye Irritation: Non irritation

Skin Irritation: Non irritation

Sensitization: No skin or respiratory sensitization

Repeated Dose Toxicity

NOAEL Oral-rat: ca. 10 000 mg/kg bw/day
(male, sabacute, OECD 401, MCT C8-12 saturated)

Carcinogenicity: No data available

Mutagenicity: Negative

Toxicity for Reproduction: No data available

12. ECOLOGICAL INFORMATION

Toxicity

Aquatic Toxicity

LC50 fish : ≥53 mg/L (fish) (EU Method C.1; ester mixture)
LC50 fish : >10 000 mg/L (exposure time: 96 hours), (DIN 38412, Teil 15)
EC50: > 100 mg/L (exposure time: 48 hours), daphnia magna (EU Method C.2, Triglyceride (C8-10))

Persistence and Degradability Easily biodegradable

Bio accumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: No data available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods: Disposal must be made accordingly to official regulations. Do not dump into any sewers, on the ground, or into any body of water

Uncleaned Packaging: Disposal must be made accordingly to official regulations.

14. TRANSPORT INFORMATION**UN Number:** Not Regulated**UN Proper Shipping Name**

Land Transport (ADR/RID) : Not Regulated

Maritime Transport (IMDG) : Not Regulated

Air Transport (IATA): Not Regulated

Transport Hazard class(es)

Land Transport (ADR/RID) : Not Regulated

Maritime Transport (IMDG) : Not Regulated

Air Transport (IATA): Not Regulated

Packing Group

Land Transport (ADR/RID) : Not Regulated

Maritime Transport (IMDG) : Not Regulated

Air Transport (IATA): Not Regulated

Environmental Hazards

Marine Pollutant (Yes/No): No

Special Precautions for Use: No data available**Transport in Bulk according to Annex II MARPOL 73/78 and the IBC Code**

Product name: Palm kernel oil

Pollution category: Y

Ship type: 2

15. REGULATORY INFORMATION

Inventory Status: Listed in:

Country (s) or region	Inventory Name
Australia	Australian Inventory of Chemical Substance (AICS)
Canada	Domestic Substances List (DSL)
China	Inventory of Existing Chemical Substances in China (IECSC)
Europe	European Inventory of Existing Commercial Substances (EINECS)

Date Revised: December 13, 2023

Japan	Inventory of Existing and New Chemical Substances (ENCS)
South Korea	Existing Chemicals List (ECL)
New Zealand	New Zealand Inventory of Chemicals (NZIoC)
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS) Inventory
United States	Toxic Substances Control Act (TSCA)

16. OTHER INFORMATION

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