

COCONUT (FRACTIONATED)

1 - Identification of Product and Supplier

Product Name: Coconut Oil, Refined

Contact:

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2 - Composition and information on ingredients:

The product does not belong to any list of substances supposedly hazardous to human or animal health according to EU guideline 548/67 and further amendments, nor to those having recognised exposition limits.

INCI Name: Cocos Nucifera (Coconut) Oil

Chemical composition: Cocos Nucifera Oil is the fixed oil extracted from the dried endosperm of organic Cocos nucifera, Palmae The coconut flesh is ground and then pressed. The crude oil is then deodorised to EU organic standards.

CAS Number: 8001-31-8

EINECS Number: 232-282-8 (I

Application: Emollient/solvent, Component of Food, Food additive, Component of animal food, Component of cosmetic products, Component of pharmaceutical products, Technical applications

3 - Hazards identification:

Non hazardous

4 - First aid measures:

Generally: No special measures necessary

Inhalation: First aid is usually not necessary

Skin contact: Generally, no skin irritation to be expected. Wash with water and soap.

Eye contact: Flush eyes with large volumes of water for several minutes. In case of irritation seek medical advice.

Ingestion: Generally, first aid is not necessary. Seek medical attention in case of any adverse effects.

5 - Fire - Fighting measures:

Extinguishing media: Foam, dry chemical powder, carbon dioxide.

Fire and explosion hazards: This product is made up of inflammable material with low risk. The product may only form ignitable mixtures or burn only upon heating above the flash point. However, minor contamination by lightly volatile hydrocarbons may increase the hazard. Dispersed hot particles may increase the danger of self-ignition (e.g. in sawdust, clothes, cloth). Ignition hazard at welding at the empty container.

Special fire-fighting procedures: In order to protect personnel and to cool down containers in the danger zone use water fog or spray jet. Interrupt inflow of product. Let the fire burn out under control or extinguish with alcohol resistible foam or dry chemical powder. Apply respiratory and eye protection for firefighting personnel exposed to smoke or vapours.

Dangerous combustion residues: Smoke, carbon monoxide, carbon dioxide

6 - Accidental release measures:

Personal precautions: Remove sources of ignition, provide adequate ventilation, avoid contact with skin and eye contact.

Land spill: Shut off source. Prevent product from entering sewerage, water courses or low lying areas; advise the relevant authorities if it has already or if it is still contaminating sewerage, waters or soil/vegetation. Take measures to reduce or prevent effects on ground water. Gather product mechanically if possible. Bind remainings of the product with sand or other appropriate absorbent and remove. Dispose of product and contaminated absorbents in suitable containers, as directed in section 13.

Personal precautions: Confine the spill immediately with booms. Warn other ships. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. In running waters, apply appropriate dispersants in accordance with local regulation.

7 - Handling and storage:

Handling: Keep containers leak proof closed and dry. Protect against sun/light.
Prevent spills and leakages to avoid slip hazard.

Storage: Intrusion into soil to be avoided. Store the product in chilled (max. at room temperature) and well-ventilated environment and keep away from sources of ignition. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Electrical equipment and fittings must comply with local regulations.

8 – Exposure controls and personal protection:

Respiratory: Avoid excessive inhalation. Apply local ventilation where appropriate.

Hand protection: Avoid skin contact. Use chemically gloves.

Eye protection: In open systems where contact is likely, wear safety glasses with side shields.

Physical protection: Use protection clothing.

9 – Physical data and chemical properties:

Appearance/odour: White solid at room temperature, light characteristic odour

pH-value: Not available.

Boiling range: >350°C

Flash point: >300°C

Flammability: Not available.

Explosion hazard: Not available.

Fire accelerant: Not available.

Vapour pressure: Not available.

Relative density: 0.908 – 0.921 at 20°C

Solubility: Soluble in oil and ethanol

Solubility in water: Not soluble in water

Evaporation rate: Not available.

Viscosity: Not available.

Vapour density: Not available.

Evaporation rate: Not available.

Melting Point (°C) 25 – 30

10 – Stability and Reactivity:

Conditions to avoid: Keep away from heat sources, open flames and other sources of ignition.

Materials to avoid: Avoid contact with strong oxidants such as liquid chlorine and concentrated oxygen.

Hazardous decomposition products: Product does not decompose at proper handling.

11 – Toxicological information:

Basics of Evaluation: The evaluation was made of toxicological data of components or similar products derived. This product is human food quality.

Acute toxicity: In compliance with generally accepted uses and quantities are no negative impacts to be expected.

LD50: not determined

LC50: not determined

Irritant effect on respiratory organs: Slight irritation of the mucous membranes may occur.

Sensitization: In compliance with generally accepted uses and quantities are no negative impacts to be expected.

Toxicity after repeated administration: In compliance with generally accepted uses and quantities are no negative impacts to be expected.

CMR-effect: There are not expected negative impact.

Additional Information: Akute Toxicity, irritation and CMR-effects of the substance are investigated and rated. Individual aspects are partially missing data. In the experience of the manufacturer, however, on the identification excess risks to be expected.

12 - Ecological information:

Ecological toxicity: Specific ecological toxicity data for this product are not available.

Mobility: No data available

Persistence and degradability: Biologically well degradable

Bioaccumulation potential: No information available

PBT characteristics: No information available

Water hazard rate: WGK I

Other harmful effects: No information available

13 - Disposal considerations:

Recommendation: Collect and dispose of waste product at an authorised disposal facility. Product remainders should not intrude in soil or waters.

14 - Transport information:

General precautions during transportation: Keep Container closed, dry, cool.

Sea transportation (acc. to IMDG): Not regulated

Road transportation (acc. To ADR): Not regulated

Train transportation (acc. to RID): Not regulated

Air transportation (acc. to ICAO): Not regulated

Annex I8

15 - Regulatory information:

Assessment of material safety: An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.

Labelling: Hazard symbol: None

Risk phrases: R36: Irritating to eyes

Safety phrases:

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Hazardous Components: None

GHS-Labelling: Signal word: no signal word

Pictograms: None

Hazard phrases: None

Safety phrases:

P305: IF IN EYES: rinse immediately with plenty of water and seek medical advice.

16 - Other information:

Cosmetics Directive 7th Amendment: Not restricted

When stored within advised conditions, re-test after 12 months then at 3 monthly intervals up to a maximum life of 18 months.

Q.C. REQUIREMENTS

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding it's' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.



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