

MATERIAL SAFETY DATA SHEET  
COCONUT OIL, HARD, REFINED



**1. Identification of Substance, Preparation and Company**

Product Name: Coconut Oil, hard, refined  
Company Name: Bathbomb.biz limited  
Company Address: 37 Worting Road  
Basingstoke  
Hampshire  
RG21 8TZ  
Emergency Phone Number: 01256 474889

**2. Composition Information on Ingredients**

Definition / Botanical Origin: Obtained by the refining, bleaching and de-odorisation of crude coconut oil.  
H-No: 1513.11.0000  
CAS No: 8001-31-8  
Status: Natural  
Additives: Citric acid as a processing aid  
IFRA: Not restricted  
EINECS: 232-228-8  
INCI Name: Cocus nucifera

**3. Hazards Identification**

- Concentrated product
- Observe good housekeeping procedures

**4. First Aid Measures**

Inhallation: No vapours present at normal temperatures.  
Eye Exposure: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.  
Skin Exposure: Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.  
Ingestion: Not considered dangerous. Edible quality.  
Others: Take Risk and Safety phrases (section 15) into consideration.



## 5. Fire Fighting Measures

Extinguishing Media Recommended:	Use CO <sub>2</sub> , Dry Powder or Foam type Extinguishers, spraying Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.
Special Measures:	Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.
Extinguishing Procedures:	Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

## 6. Accidental Release Measures

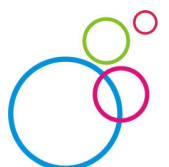
Personal precautions:	Avoid contact with skin eyes and clothes. Note that spillages constitute a slipping hazard. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.
Environmental precautions:	Keep away from drains, soils, surface & ground waters.
Cleaning up methods for spillages:	Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material Sweep up and remove to an approved disposal container. Observe local disposal regulations. Clean with hot water & detergents. Observe state, federal & local disposal regulations

## 7. Handling and Storage

Handling:	Apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Avoid static discharges.
Storage:	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.
Fire protection:	Keep away from ignition sources and naked flame. Take precautions to avoid static discharges in working area.

## 8. Exposure Controls / Personal Protection

Respiratory protection:	No special measures under normal conditions.
Skin protection:	No special measures under normal conditions.
Eye protection:	Use safety glasses if there is a risk of splashing
Work/Hygiene practices:	Wash hands with soap & water after handling.



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## 9. Physical and Chemical Properties

Appearance:	White semi-solid mass, clear and bright when melted
Odour:	Free from rancid and foreign odours
Melting Point (°C):	22 - 26
Flash Point (°C):	>300
Saponification Value:	248 - 265
Solubility in water:	Insoluble
Solubility in Alcohol:	Soluble
Free fatty acid content (% as OLEIC):	0.1 max
Peroxide value (meg O <sub>2</sub> / kg):	1 max
Lovibond Colour (5.25" cell):	3.3 – 4.3 (ratio of the ester value to the acid value)
Iodine Value:	8 – 13 max
Moisture %:	0.1 max
Solid fat content:	35 – 45 %

## 10. Stability and Reactivity

Reactivity:	Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
Decomposition:	None (thermal decomposition products are H <sub>2</sub> O and CO <sub>2</sub> )

## 11. Toxicological Information

- No data available

## 12. Ecological Information

Biodegradability:	Readily biodegradable
Precautions:	Prevent surface contamination of soil, ground & surface water.

## 13. Disposal Considerations

- Dispose of according to local regulations
- Avoid disposing into drainage systems and into the environment



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**14. Transport Information**

Road (ADR/RID):	Not applicable
Air (IATA):	Not applicable
Sea (IMDG)	Not applicable
CHIP:	See section 15

**15. Regulatory Information (According to Directive 88/379/EEC)**

Hazards:	Not applicable
Symbols:	Not applicable
Risk Phrases:	Not applicable
Safety Phrases:	Not applicable

**16. Other Information**

Cosmetic Directive 7 <sup>th</sup> Amendment:	Not restricted
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**16.1. Packaging**

Type	Suitability
Glass:	Yes
Lacquer lined steel / tin:	Yes
Aluminium:	Yes
HDPE:	Yes
F/HDPE:	Yes
Other plastic:	Yes

**16.2. Shelf Life**

When stored within advised conditions, re-test after 12 months and then at 6 monthly intervals up to a maximum life of 36 months.



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**16.3. QC 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 its' 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..

