

# **MATERIAL SAFETY DATA SHEET**

## **1 - Identification of Product and Supplier**

Product Name: **Coconut Oil, Organic**  
Supplier: Gracefruit Ltd, 146 Glasgow Road, Longcroft, Stirlingshire, FK4 1QL  
Emergency Contact: 01324 841353

## **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 No: 8001- 31- 8  
EINECS No: 232-282-8 (I)  
Application: Emollient/solvent  
Soil Association Certified: Yes

## **3 - Hazards identification:**

Non hazardous

## **4 - First aid measures:**

Skin contact: Wash with water and soap  
Eye contact: Flush with water  
Ingestion: Edible, food grade

## **5 - Fire - Fighting measures:**

Extinguishing media: Carbon dioxide, foams, inert powder  
Extinguishing media to avoid: Water  
Special exposure hazards: Fine oil mists may be hazardous. On extreme long heating at high temperature gaseous components occur of acrolein variety.  
Protection against fire: Standard measures in line with fire safety regulations.

## **6 - Accidental release measures:**

Spillage on soil: Use a solid absorbent and /or wash floors with detergent. May cause slip on floors. If solidified, shovel into containers marked for disposal.  
Spillage on water: Since the density of oil is lower than water, it will appear on the surface. The fat can be scraped off the surface. Disposal according to UK / EU Environmental regulations.

## **7 - Handling and storage:**

At times oil-soaked materials may spontaneously combust. No special precautions for safety reasons necessary.

#### 8 - Exposure controls and personal protection:

No special personal protective equipment required.  
Wear protective gloves and goggles when handling hot oil.

#### 9 - Physical data and chemical properties:

<u>Form:</u>	Solid butter – Melting point at 25 degrees plus.
<u>Odour:</u>	Natural
<u>Colour:</u>	White – Off White
<u>pH:</u>	Neutral
<u>Boiling point (°C):</u>	>100
<u>Density at 40 °C:</u>	0.910 - 0.920
<u>Hydrosolubility:</u>	Insoluble
<u>Liposolubility:</u>	Soluble in vegetable oils

#### 10 - Stability and Reactivity:

<u>Conditions to avoid:</u>	High temperature near flash point
<u>Materials to avoid:</u>	Strong oxidising agents
<u>Hazardous decomposition products:</u>	Acrolein at extreme heating
<u>Hazardous reactions:</u>	Polymerisation not likely to occur
<u>Shelf Life:</u>	24 - 36 months when stored in nitrogen flushed containers

#### 11 - Toxicological information:

Non toxic product - pharmaceutical use – food grade

#### 12 - Ecological information:

Readily biodegradable

#### 13 - Disposal considerations:

<u>Residue for disposal:</u>	According to local regulations.
<u>Waste packing:</u>	Observe local regulations.

#### 14 - Transport information:

Not dangerous product  
Classification: Not classified in RID/ADR/IMDG

#### 15 - Regulatory information:

In compliance with the requirements in the current Cosmetic Directives 67/548 EEC et 1999/45/CE

#### 16 - Other information:

#### 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.

Revised: 29.03.2010 AM