

# MATERIAL SAFETY DATA SHEET

## 1 - Identification of Product and Supplier

Product Name: **Castor 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: **Ricinus Communis (Castor) Seed Oil**  
Chemical composition: Ricinus Communis Seed Oil is the fixed oil obtained from the seeds of Castor, Ricinus communis, Euphorbiaceae The oil is cold-pressed and deodorised.  
CAS No: 8001-79-4  
EINECS No: 232-293-8  
Application: Emollient, masking, moisturising, skin conditioning, smoothing, solvent  
Country Of Origin: India

## 3 - Hazards identification:

Non hazardous oil, however, not recommended for internal digestion.

## 4 - First aid measures:

Skin contact: Wash with water and soap  
Eye contact: Flush with water  
Ingestion: Do not ingest. If consumed drink plenty of water and seek medical attention.

## 5 - Fire - Fighting measures:

Extinguishing media: Carbon dioxide, foams rather than 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: Use sand to absorb oil and wash floors with detergent. May cause slip on floors. If solidified, shovel into containers and dispose of accordingly.  
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>	Liquid at room temperature
<u>Odour:</u>	Neutral
<u>Colour:</u>	Very pale yellow, clear oily liquid
<u>pH:</u>	Neutral
<u>Boiling point (°C):</u>	>100
<u>Relative density @ 20 °C:</u>	0.910 - 0.930
<u>Solubility in water:</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>	Min 12 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:

Residue for disposal: According to local regulations.  
Waste packing: 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.

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