

MATERIAL SAFETY DATA SHEET

1 - Identification of Product and Supplier

Product Name: **Jojoba Oil, Golden, Organic**
Supplier: Gracefruit Ltd, 146 Glasgow Road, Longcroft, Stirlingshire, FK4 1QL
Emergency Contact: 01324 841 353

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: **Simmondsia Chinensis (Jojoba) Seed Oil**
Chemical composition: Simmondsia Chinensis Oil is the fixed oil expressed or extracted from organic seeds of the desert shrub jojoba, *Simmondsia chinensis*, *Buxaceae*.
CAS No: 90045-98-0
EINECS No: 289-964-3
Application: Emollient, Hair conditioning, Skin conditioning
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

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.
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.
Protective gloves and goggles when handling hot oil.

9 - Physical data and chemical properties:

<u>Form:</u>	Liquid at room temperature
<u>Odour:</u>	Natural
<u>Colour:</u>	Pale yellow, clear oily / waxy liquid
<u>pH:</u>	Neutral
<u>Boiling point (°C):</u>	>100
<u>Relative density @ 40 °C:</u>	0.910 - 0.920
<u>Relative density @ 20 °C (G/CM3)</u>	0.860 – 0.870
<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>	Min 24 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 / 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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Revised: 28.01.2010 AM