



Certificate of Analysis

MATERIAL SAFETY DATA SHEET

1 - Identification of Product and Supplier

Product Name: **Baobab Oil (CP & or Refined)**

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: **Adansonia Digitata (Baobab) Seed Oil**
Chemical composition: Adansonia Digitata Seed Oil is the oil expressed from the seeds of the Monkey Bread Tree or the Baobab, *Adansonia digitata* L., *Bombacaceae*
CAS number: 91745-12-9
EINECS Number: 294-680-8
Application: Emollient, Skin conditioning, Hair conditioning

3 - Hazards identification:

Non hazardous

4 - First aid measures:

Skin contact: Wash with water and soap
Eye contact: Flush with water
Ingestion: Not recommended for food use

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.
Wear protective gloves and goggles when handling hot oil.

9 - Physical data and chemical properties:

<u>Form:</u>	Clear slightly viscous liquid
<u>Odour:</u>	Neutral
<u>Colour:</u>	Pale yellow to yellow / orange
<u>pH:</u>	Neutral
<u>Boiling point (°C):</u>	>100
<u>Density at 20 °C:</u>	0.909 - 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>	Min 12 months from the manufacture date when stored in nitrogen flushed containers

11 - Toxicological information:

Non toxic product

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:

<u>Not dangerous product</u>	
<u>Classification:</u>	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.

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Gracefruit Ltd