



MSDS: Material Safety Data Sheet

Product: Organic Baobab Oil

Product Name	Organic Baobab Oil
Latin Name	Adansonia digitata
Source	Wild Crafted Baobab Seeds
Origin	Ghana
Production Location	Ghana
Extraction	Cold Pressed
Company Name	Kaibae
Company Address	9 E Mission Street, Santa Barbara CA 93101
Emergency Telephone Number	805 451 9904

Physical and Chemical Properties

Physical State	Liquid
Color	Golden Yellow
Odor	Slight Nutty
Viscosity	Mobile at room temperature
Principal Constituents	Oleic, Lionleic and Palmitic acids
Hazardous Components	None
Saponification	140 to 205 mgKOH/g
Specific Gravity	0.91-0.93
Peroxide Value	< 10
Iodine Value	65-95
Solubility in water	Insoluble

Technical Data

INCI Name	Adansonia digitata Seed Oil
CAS number EU	91745-12-9
CAS numer US	25233-93-2
EINECS NUMBER	294-680-8

Fatty Acid Profile

Mirisitic Acid	< 1%
Pentadecanoic Acid	< 1-1.5%
Palmitic Acid	23-46%
Palmitoleic Acid	< 1%
Heptadecanoic Acid	< 1%
Stearic Acid	1-9%
Oleic Acid	21-59%
Linoleic Acid	12-37%
Alpha linolenic acid	1-8%
Arachic Acid	< 1%
Heicosenoic Acid	1-3.6%
Behenic Acid	< 1%
Lignoceric Acid	< 1%

Tocopherol

Alpha Tocopherol	9.2
Gamma Tocopherol	740
Delta Tocopherol	50

Heavy Metals

Conform to 1881/2006/EC et sqq



Hazardous Identification

Routes of Entry	No Known Hazard
Eye Contact	No Known Hazard
Skin Contact	No Known Hazard
Ingestion	No Known Hazard
Inhalation	No Known Hazard

First Aid Measures

Eyes	Flush eyes with water, Seek medical attention if needed
Skin	Wash skin with soap, Seek medical attention if needed
Ingestion	Rinse mouth, Seek medical attention if needed
Inhalation	N/A
Medical Conditions aggravated by exposure	None

Fire Fighting Measures

Flash Point	Not Available
Extinguishing Media	Dry Chemical Carbon Dioxide, Fog, Foam
Special Fire Fighting Procedure	Do not use direct water jet on burning material, Cool Containers exposed to flame with water. Limit the spread of oil, Treat as an oil fire. Wear positive pressure self contained breathing apparatus & protective clothing
Unusual Fire & Explosion Hazards	Combustible but no particular hazard



PURE
POTENT
WILD

Accidental Release Measures

Methods for Cleaning up	Absorb onto inert absorbent substrate and sweep up. Wash with soap and water
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Handling and storage

Handling	keep away from ignition and open flames and strong oxidizing agents
Storage	Store in cool dry location in sealed container

Exposure Control/ Personal Protection

Eye	Safety Glasses may be worn
Skin/ Body	Gloves should be worn
Respiratory	Not needed under normal conditons
Other	Slip free shoes to worn where spills occur
Work / Hygiene Practice	Normal work and Hygeine practices

Toxicological Information

Acute Oral	No Known Data
Dermal	Expected to be non toxic via dermal route
Eye	None
Inhalation	N/A
Medical Conditions aggravated to exposure	None
Irritancy	Not expected to be an irritant to skin and Eyes

Stability and Reactivity

Stability	Stable under normal conditions
Incompatibility	Avoid strong oxidizers, acids and alkali
Conditions to avoid	None
Hazardous Decomposition & Byproducts	None
Hazardous Polymerization	None
Irritancy	Will not occur

Ecological Information

Biodegradation	Readily biodegradable
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Disposable Considerations

Waste Disposal Methods	Do not put into sewer lines Dispose according to local, state and federal regulators
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Transport Information

DOT Classification	Not a DOT controlled material
Class/ Division	Not restricted
Proper Shipping Name	N/A
Label	N/A
Packing Group	N/A
ID Number	N/A
Hazard	N/A

Regulatory Information

Not available

Cosmetic Use

Baobab oil is not an essential or volatile oil. Since it is a “fixed” oil, it will not burn when used neat on the skin. Baobab oil can be used in small percentages in creams, lotions, body butters and other skin care formulations. Baobab oil is easily and quickly absorbed by the skin, leaves minimal residue or greasiness, and serves well for intensive hair care. Baobab oil does moisturize skin, helps improve skin elasticity, encourages regeneration of skin cells, and does not clog pores. Anecdotal evidence indicates the oil alleviates pain from burns and regenerates the epithelial tissues in a short time, thereby improving skin tone and elasticity. The oil contains vitamins A, D, E and F. Vitamins A and F (a polyunsaturated fatty acid) are actively involved in the rejuvenation and renewal of cell membranes, while vitamin E is a superior antioxidant, which helps to fight aging. With its omega 3, 6 and 9 content, the oil is helpful in formulations for treating eczema and psoriasis.

Additional Information

This information is provided for documentation purposes only. This Product is not considered hazardous.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however all statements or suggestions are made without warranty expressed or implied regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal state and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if or where additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers

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