

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION

Product Name	Baobab Oil
Recommended Uses	Personal care formulation
HS code	15159059

2. HAZARDS IDENTIFICATION

Classification according to EC regulation 1272/2008 (CLP)	Unknown
Labelling (EU-GHS)	Not classified as dangerous
Hazard pictograms	Not classified as dangerous
Hazard statements	Not classified as dangerous
Safety precautions	Not classified as dangerous
Supplemental hazard information (EU)	Not classified as dangerous
Hazard designation	Not classified as dangerous
Additional information	Unknown

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterisation and classification according to EC regulation 1272/2008 (CLP)	
Description	Baobab Oil (Cold Pressed)
INCI	Adansonia Digitata Seed Oil
Index No.	Not registered
EINECS No.	294-680-8
CAS No.	91745-12-9
Ingredients	100% <i>Adansonia digitata</i> seed oil

4. FIRST AID MEASURES

Inhalation	Oil is non-volatile. Remove to fresh air and keep patient at rest. Seek medical attention immediately.
Skin contact	No known hazard. Remove contaminated clothing. Flush area with large

	amounts of water. Use soap. Seek medical attention
Eye contact	No hazard. Flush with sterile water while holding eyelids open for at least 15 minutes. Seek medical attention.
Ingestion	Never give anything by mouth to an unconscious person. Wash out your mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media	Foam, carbon dioxide or dry powder, sand
Unsuitable extinguishing media	Do not use direct water jet on burning material
Specific hazards	No data available
Advice for fire-fighters	Limit the spread of oil. Treat as an oil (edible fat) fire. Use air supplied equipment for fighting interior fires. During all fire fighting activities, wear appropriate protective equipment, including self-contained breathing apparatus
Additional information	Products of combustion - oxides of carbon, burning fumes are acid. Keep free of ignition sources

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Personnel involved in clean-up should wear appropriate personal protective equipment (see section 8). Minimise exposure
Measures for Cleaning/Collecting	Do not discharge into drains, surface water, ground water
Measures to protect the environment	Contain the leak with earth or sand. Prevent from entering drain sand sewers; if this cannot be done, advise the local authority. Place waste in an appropriately labelled, sealed container for disposal. Care should be taken to avoid environmental release
Methods for cleaning	Collect the spilled product mechanically. Recuperate all material in a suitable container for disposal

7. HANDLING AND STORAGE

Safe handling	Keep away from sources of ignition and open flames. Avoid spillage and eye contact. Avoid breathing vapour or mist. When handling use appropriate personal protective equipment (see section 8)
Safe storage	Maintain containers and close basins and as much as possible with nitrogen atmosphere for its conservation. Plastic and metallic containers

	recommended. The metallic drums must be covered with interior coating in order to avoid direct contact with iron, the catalytic of the oxidation. Stainless steel for bulk and glass for small quantities
Storerooms / containers	Store in ambient temperature, in a dark container, in fresh place to prevent oxidation

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Classification according to 67/548/EEC	Unknown	
Classification according to Regulation (EC) No. 1278/2008 (CLP)	Unknown	
Occupational Exposure Controls	Respiratory Protection	Not needed under normal conditions of use. Whenever excessive air contamination (dust, mist, vapour) is generated, respiratory protection, with appropriate protection factors should be used to minimise exposure.
	Hand protection	Wear gloves and protective clothing
	Eye protection	Wear safety glasses or goggles if eye contact is possible
	Body protection	Wear suitable protective clothing
	Protective measures	Slip proof shoes may be worn where spills may occur. Normal work and hygiene practices for handling non-hazardous liquid material

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Golden Yellow / Pale Straw
Physical State	Typical fatty oil characteristic
Odour	Characteristics, faint fatty oil
Melting point/ freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	> 200 °C
Evaporation rate	No data available

Flammability (solid, gas)	No data available
Upper / lower flammability	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	0.890 - 0.990 g/mg
Solubility	Insoluble in water; soluble in common organic solvents slightly soluble in alcohol
Partition coefficient: n-octanol/water	No data available
Auto ignition temperature	> 200 °C
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available

10. STABILITY AND REACTIVITY

Reactivity	No hazardous reactions identified
Chemical stability	The oil is stable under normal storage conditions. After opening the oil is prone to air oxidation and may start to deteriorate after six months. Product of low stability if exposed to oxidation, such as iron, copper, nickel, cobalt, cadmium and zinc; also affected by temperature, light and oxygen.
Possible hazardous reaction	No hazardous reactions identified
Conditions to avoid	No hazardous reactions identified
Incompatible materials	Avoid strong oxidising agent, caustic and acid agents
Hazardous decomposition products	If heated to high temperatures, smoke, soot and toxic fumes (carbon dioxide, carbon monoxide) may be produced

11. TOXICOLOGY INFORMATION

Acute toxicity	From information available, this substance is non-toxic under normal conditions and is not classified in EEC listing
Skin corrosion / irritation	No data available

Serious eye damage / irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
STOT-single / repeated exposure	No data available

12. ECOLOGICAL INFORMATION

Toxicity	This product is biodegradable and not known to be harmful to the environment
Persistence and degradability	The product is biodegradable
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	No data available
Other adverse effects	No data available

13. DISPOSAL CONSIDERATIONS

Product / packaging disposal	Collect and reclaim or dispose in sealed containers at licensed waste disposal sites. Observe all local and national regulations when disposing of this product. Collect for recycling or recovery if possible. The disposal method for rejected products/returned goods must ensure that they cannot be re-sold or re-used.
Waste codes	The wasted code should be assigned in discussion between the user, the producer and the waste disposal company. Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.
Waste treatment	Unknown
Sewage disposal	Unknown
Other disposal recommendations	Contaminated packaging: Empty containers should be taken to an approved

	waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warning even after the container is emptied.
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14. TRANSPORT INFORMATION

UN number	Unknown
UN proper shipping name	Unknown
Transport hazard class	Not classified as hazardous
Packing group	Unknown
Environmental hazard	Unknown
Special precautions for user	Not to be loaded with incompatible materials including poisons
Transport in bulk according to Annex II of MARPOL 79/78 and IBC Code	Unknown - not restricted

15. REGULATORY INFORMATION

EU regulations	Not classified	
Authorisation and / or restriction on use	Unknown	
Restrictions on use	Unknown	
Other EU regulations	None required	
Other regulations, restrictions and prohibition regulations	OSHA Label	Non-hazardous with international standards for workplace safety
	Labels for conveyance	H10 - flammable
	Labels for supply	R10 - flammable
		R22 - harmful if swallowed
		R65 - harmful, may cause lung damage if swallowed
	S62 - if swallowed, do not induce vomiting; seek medical advice immediately and show this container of label where possible	
Chemical safety assessment	WHMIS hazard class: None required This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR	

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Products with purpose.

The Essentially Natural Domain (Pty) Ltd | Reg. No. 2014/170069/07
Unit 14, Duville Business Park, 8 Arum Lily Street, Durbanville, Cape Town, South Africa 7550
www.essentiallynatural.co.za (T) 021 976 9116 (E) support@essentiallynatural.co.za

Disclaimer: As the users' condition of work is not known, the information contained in this Material Safety Data Sheet is accurate to the best of our knowledge and is based on the national community regulations. The product must not be employed for uses other than those specified without having previously obtained written handling instructions. Users are responsible for taking all necessary to comply with the requirements of the law and local regulations. The information contained in this sheet should be regarded as the description of the safety requirements relating to our products and not as a guarantee of its properties.