

# MATERIAL SAFETY DATA SHEET.

## **1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.**

Product name: Babassu Nut Oil

SUPPLIER: The Soap Kitchen, 11a South Street, Torrington, Devon, EX38 8AA.

Emergency Tel No: 01805 622944 Emergency Contact: Mr. Richard Phillips.

## **2. COMPOSITION / INFORMATION ON INGREDIENTS.**

DEFINITION/BOTANICAL ORIGIN: Obtained by the expression and de-odorisation of crude babassu nut oil.

H-No: CAS No:91078-92-1 Status: natural

CoE No: FEMA: Additives: None

FDA: IFRA: not restricted Application: Skin care, aromatherapy.

RIFM: EINECS: 293-376-2 RTECS:

INCI name: Orbignya oleifera FCCIV:

## **3. HAZARDS IDENTIFICATION:**

Concentrated product. Observe good housekeeping procedures.

## **4. FIRST-AID MEASURES:**

INHALATION: No vapours present at normal temperatures.

EYE CONTACT: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.

SKIN CONTACT: Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INGESTION: Not considered dangerous. Edible quality.

OTHER: When assessing action take Risk & Safety Phrases into account (Section 15)

## **5. FIRE FIGHTING MEASURES.**

EXTINGUISHING MEDIA RECOMMENDED: Use CO<sub>2</sub>, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

## **6. ACCIDENTAL RELEASE MEASURES.**

PERSONAL PRECAUTIONS: Avoid contact with skin eyes and clothes. Note that spillages constitute a slipping hazard. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

ENVIRONMENT PRECAUTIONS: Keep away from drains, soils, surface & groundwaters.

CLEANING UP METHODS FOR SPILLAGES: Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep

up and remove to an approved disposal container. Clean with hot water & detergents. Observe state, federal & local disposal regulations.

## **7. HANDLING & STORAGE.**

PRECAUTIONS IN HANDLING:	Apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Avoid static discharges.
STORAGE CONDITIONS:	Store in tightly closed original container, in a cool & dry area away from heat sources & protected from light. Keep air contact to a minimum.
FIRE PROTECTION:	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION.**

RESPIRATORY PROTECTION:	No special measures under normal conditions.
SKIN PROTECTION:	No special measures under normal conditions.
EYE PROTECTION:	Use safety glasses if there is a risk of splashing.
WORK/HYGIENE PRACTICES:	Wash hands with soap & water after handling.

## **9. PHYSICAL & CHEMICAL PROPERTIES.**

APPEARANCE:	White solid, clear and bright when melted.
ODOUR:	Free from rancid and foreign odours
MELTING POINT °C:	21 - 27
FLASH-POINT °C:	>300
SOLUBILITY IN WATER:	Insoluble
SOLUBILITY IN ALCOHOL:	Soluble
PEROXIDE VALUE (meq O <sub>2</sub> / kg):	1max
LOVIBOND COLOUR (5.25" CELL):	1.5 red max
IODINE VALUE:	8-13 max
MOISTURE %:	0.1 max

## **10. STABILITY & REACTIVITY.**

REACTIVITY:	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
DECOMPOSITION:	None (thermal decomposition products are H <sub>2</sub> O and CO <sub>2</sub> )

## **11. TOXICOLOGICAL INFORMATION.**

No known data

## **12. ECOLOGICAL INFORMATION.**

BIODEGRADABILITY:	Readily biodegradable
PRECAUTIONS:	Prevent surface contamination of soil, ground & surface water.

## **13. DISPOSAL CONSIDERATIONS.**

Avoid disposing to drainage systems and into the environment. Seek expert advice.

## **14. TRANSPORT REGULATIONS.**

Road (ADR/RID):	n/a
AIR (IATA):	n/a
SEA (IMDG)	n/a
CHIP:	See section 15

**15. REGULATORY INFORMATION.** According to Directive 88/379/EEC

HAZARDS: n/a  
SYMBOLS: n/a  
RISK PHRASES: n/a  
SAFETY PHRASES: n/a

**16. OTHER INFORMATION.**

**PACKAGING:**

Type	Suitability
Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	Yes
F/HDPE	Yes
Other plastic	Yes

**SHELF-LIFE**

Min 12 months when stored within advised conditions.

**Q.C. REQUIREMENTS.**

In-line with general product specification. Always satisfy suitability for specific application.  
Retest after 6 months.

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