



CERTIFICATE OF ANALYSIS

IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

Trade Name: Kukui nut oil - refined
Material Supplier: Sheabutter Cottage
Address: Unit 10, Albury close, Reading, RG30 1BD - UK
Tel: +44 (0) 118 9576 118

COMPOSITION / INFORMATION

Trade Name: Kukui nut oil **Inci Name:** Aleurites moluccana
Status: Refined **Application:** Skincare/Cosmetics
CAS N°:
Not restricted in the Cosmetics Directive

PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE: Clear liquid with a yellow tinge
ODOUR: None
SAPONIFICATION VALUES: .139 (**NaOH**) .195 (**KOH**)
PEROXIDE VALUE 2.0
IODINE VALUE 161
ACID VALUE 0.20
SPECIFIC GRAVITY AT 20°C 0.926
REFRACTIVE INDEX AT 20°C 1.476

PROFILE

C16:0	Palmitic Acid	7.7%
C18:0	Stearic Acid	3.8%
C18:1	Oleic Acid	25.4%
C18:2	Linoleic Acid	35.6%
C18:3	Alpha Linoleic Acid	25.5%
C20:0	Arachidic Acid	0.3



SOAP QUALITIES

Hardness	8%
INS Value	24

HAZARDS IDENTIFICATION

Concentrated product. Observe good housekeeping procedures

FIRST AID MEASURES

INHALATION:

EYE CONTACT:

SKIN CONTACT:

OTHER:

No vapours present at normal temperatures.

Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.

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

When assessing action take Risk & Safety Phrases into account (section 15).

FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED:

SPECIAL MEASURES:

EXTINGUISHING PROCEDURES:

Use CO₂ Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing. Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

ENVIRONMENT PRECAUTIONS:

CLEANING UP METHODS FOR SPILLAGES:

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.

Keep away from drains, soils, surface and groundwater.

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 and detergents. Observe state, federal and local disposal regulations.

HANDLING & STORAGE

PRECAUTIONS IN HANDLING:

STORAGE CONDITIONS:

FIRE PROTECTION:

Apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Avoid static discharges.

Store in tightly closed original container, in a cool & dry area away from heat sources & protected from light. Keep air contact to a minimum

Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

HAND PROTECTION:

EYE PROTECTION:

WORK/HYGIENE PRACTICES:

No special measures under normal conditions.

No special measures under normal conditions.

Use safety glasses if there is a risk of splashing.

Wash hands with soap & water after handling



TOXICOLOGICAL INFORMATION

No known data.

ECOLOGICAL INFORMATION

BIODEGRADABILITY:

Readily biodegradable.

PRECAUTIONS:

Prevent surface contamination of soil, ground & surface water.

DISPOSAL CONSIDERATIONS

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

REGULATORY INFORMATION

HAZARDS:

According to Directive 88/379/EEC

SYMBOLS:

N/A

RISK PHRASES:

N/A

SAFETY PHRASES:

N/A

