



CERTIFICATE OF ANALYSIS

IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

Trade Name: Mafura butter : unrefined
Material Supplier: Sheabutter Cottage
Address: Unit 10, Albury close, Reading, RG30 1BD - UK
Tel: +44 (0) 118 9576 118

COMPOSITION / INFORMATION

Trade Name: Mafura butter : unrefined **Inci Name:** Trichilia Emetica
Status: Solid **Application:** Skincare/Cosmetics/food preparations
Not restricted in the Cosmetics Directive

PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE: Off white/creamy - solid. Melts at 24°C
ODOUR: Characteristic, slightly nutty
SAPONIFICATION VALUES: .139 (NaOH) .196 (KOH)
YEAST MOULD <10 CFU
PEROXIDE VALUE 7,3MgE/Kg
ADDITIVES Nil
IODINE VALUE G L₂/100G 56,9

PROFILE

C16:0	Palmitic Acid	48%
C18:0	Stearic Acid	2%
C18:1	Oleic Acid	31%
C18:2	Linoleic Acid	16%
C18:3	Linolenic Acid	1%

SOAP QUALITIES (Usage rate in soap 1% to 100%)

Cleansing	1%
Bubbly	1%
Creamy	40%
Hardness	41%
Conditioning	60%
INS Value	132



HAZARDS IDENTIFICATION

FIRST AID MEASURES

INHALATION:

Concentrated product. Observe good housekeeping procedures

No vapours present at normal temperatures.

EYE CONTACT:

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

SKIN CONTACT:

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

OTHER:

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

FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED:

Use CO₂ 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. Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

EXTINGUISHING PROCEDURES:

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 and groundwater.

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

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 [max 25°C] & dry area away from heat sources & protected from light. Keep air contact to a minimum. Keep away from ignition sources & naked flames.

FIRE PROTECTION:

Take precautions to avoid static discharges in working area.

EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

No special measures under normal conditions.

HAND 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

TOXICOLOGICAL INFORMATION

No known data. Organic shea produced with no gas treatment nor radiation.



UNIT 10, ALBURY CLOSE,
READING, RG30 1BD, UK
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ECOLOGICAL INFORMATION

BIODEGRADABILITY:

PRECAUTIONS:

Readily biodegradable.

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:

SYMBOLS:

RISK PHRASES:

SAFETY PHRASES:

According to Directive 88/379/EEC

N/A

N/A

N/A

N/A

The above information has been provided for documentation purposes

