



CERTIFICATE OF ANALYSIS

IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

Trade Name: Tucuma 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: Tucuma butter : unrefined **Inci Name:** Astrocaryum vulgare
Status Solid **Application:** Skincare/Cosmetics

Not restricted in the Cosmetics Directive

PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE: Cream/off white - solid. Melts at 32°C
ODOUR: Characteristic
SAPONIFICATION VALUES: .167 (NaOH) .235 (KOH)
PEROXIDE VALUE 3.4MgE/Kg
ADDITIVES Nil
STABILITY Stable

PROFILE

| | |
|---------------------|-------|
| Iodine value | 12.35 |
| C12:0 Lauric Acid | 50% |
| C14:0 Myristic Acid | 25% |
| C16:0 Palmitic Acid | 8% |
| C18:1 Oleic Acid | 13% |
| C18:2 Linoleic Acid | 5% |

SOAP QUALITIES (Usage rate in soap 5% to 30%)

| | |
|--------------|-----|
| Hardness | 77% |
| Conditioning | 15% |
| Cleansing | 70% |
| INS Value | 175 |

HAZARDS IDENTIFICATION

Concentrated product. Observe good housekeeping procedures

FIRST AID MEASURES

INHALATION:

No vapours present at normal temperatures.



UNIT 10, ALBURY CLOSE,
READING, RG30 1BD, UK
www.sheabuttercottage.com

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.

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

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 & 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.

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.

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.

