



CERTIFICATE OF ANALYSIS

IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

Trade Name: Cupuacu 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: Cupuacu butter : unrefined **Inci Name:** Theobroma grandiflorum
Status: Solid **Application:** Skincare/Cosmetics

Not restricted in the Cosmetics Directive

PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE: Cream/off white - solid. Melts at 25°C
ODOUR: Characteristic
DENSITY: .924
SAPONIFICATION VALUES: .128 (NaOH) .180 (KOH)
PEROXIDE VALUE (10MgE/Kg) 2,7
IODINE VALUE (gI₂/100g) 40
ACIDITY VALUE 4,07
ADDITIVES Nil
STABILITY Stable

PROFILE

C16:0	Palmitic Acid	9,3%
C16:1	Palmitoleic Acid	0,4%
C18:0	Stearic Acid	35,7%
C18:1	Oleic Acid	43,0%
C18:2	Linoleic Acid	4,5%
C20:0	Arachidic Acid	11,0%
C22:0	Behenic Acid	1,8%

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

Hardness	54%
Conditioning	45%
INS Value	153



HAZARDS IDENTIFICATION

Concentrated product. Observe good housekeeping procedures

FIRST AID MEASURES

INHALATION:
EYE CONTACT:

No vapours present at normal temperatures.
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

