



CERTIFICATE OF ANALYSIS

IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

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

COMPOSITION / INFORMATION

Trade Name: Murumuru butter **Inci Name:** Astrocaryum murumuru
Status: Solid **Application:** Skincare/Cosmetics
CAS N°:

Not restricted in the Cosmetics Directive

PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE: Off white - solid. Melts at 33°C
ODOUR: Characteristic
SAPONIFICATION VALUES: .165 (**NaOH**) .232 (**KOH**)
PEROXIDE VALUE: 1.2 Meq/kg
ACID VALUE: 1.24 mgKOH/gr

PROFILE

Iodine		15
C12:0	Lauric Acid	47.5%
C14:0	Myristic Acid	26%
C16:0	Palmitic Acid	10%
C18:1	Oleic Acid	15%
C18:2	Linoleic Acid	3%

HAZARDS IDENTIFICATION

Concentrated product. Observe good housekeeping procedures

FIRST AID MEASURES

INHALATION:

EYE CONTACT:

SKIN CONTACT:

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.



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OTHER:	When assessing action take Risk & Safety Phrases into account (section 15).
<u>FIRE FIGHTING MEASURES</u>	
EXTINGUISHING MEDIA RECOMMENDED:	Use CO ₂ 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.
<u>ACCIDENTAL RELEASE MEASURES</u>	
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.
<u>HANDLING & STORAGE</u>	
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.
<u>EXPOSURE CONTROLS/PERSONAL PROTECTION</u>	
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
<u>TOXICOLOGICAL INFORMATION</u>	No known data.
<u>ECOLOGICAL INFORMATION</u>	
BIODEGRADABILITY:	Readily biodegradable.
PRECAUTIONS:	Prevent surface contamination of soil, ground & surface water.
<u>DISPOSAL CONSIDERATIONS</u>	Avoid disposing to drainage systems and into the environment. Seek expert advice.
<u>REGULATORY INFORMATION</u>	
HAZARDS:	According to Directive 88/379/EEC
SYMBOLS:	N/A
RISK PHRASES:	N/A
SAFETY PHRASES:	N/A

The above information has been provided for documentation purposes



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