



## CERTIFICATE OF ANALYSIS

### IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

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

### COMPOSITION / INFORMATION

**Trade Name:** Monoi de Tahiti oil      **Inci Name:** Cocos Nucifera/Gardenia Tahitensis  
**Status:** Effleurage      **Application:** Skincare/Cosmetics  
**CAS N°:** 8001-31-8

Not restricted in the Cosmetics Directive

### PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE: Clear oily yellow liquid  
ODOUR: Standard  
SAPONIFICATION VALUES: .180 (NaOH)      .254 (KOH)  
PEROXIDE VALUE 2,3  
REFRACTIVE INDEX 1,456  
MELTING POINT 24°C  
ACID VALUE 0,98  
DENSITY AT 25°C 0,919

### PROFILE

|       |               |     |
|-------|---------------|-----|
| C12:0 | Lauric Acid   | 44% |
| C14:0 | Myristic Acid | 16% |
| C16:0 | Palmitic Acid | 10% |
| C18:0 | Stearic Acid  | 3%  |

### SOAP QUALITIES (Usage rate in soap 5% to 50%)

|           |     |
|-----------|-----|
| Hardness  | 73% |
| INS Value | 71  |

### HAZARDS IDENTIFICATION

Concentrated product. Observe good housekeeping procedures

### FIRST AID MEASURES

INHALATION:

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 CO<sub>2</sub> 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.



**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 as analysed in Papeete – Tahiti



UNIT 10, ALBURY CLOSE,  
READING, RG30 1BD, UK  
[www.sheabuttercottage.co.uk](http://www.sheabuttercottage.co.uk)