



## TECHNICAL SHEET – MONOI TIKI NATURAL TIARE

Qualitative formula of the product:

- Monoï de Tahiti® label of origin (A.O.)
- Fragrance
- Natural preservative (Vitamin E)

Identification

1. Commercial name: Monoï de Tahiti® (A.O.)  
INCI Name: Coconut (*Cocos nucifera*) oil (and) Tiare (*Gardenia tahitiensis*) flower  
CAS N°: 8001-31-8
2. Natural preservative :  
INCI Name: Mixed Tocopherols

INGREDIENT LIST:

- 1- MONOI OF TAHITI A.O.®

Physicochemical characteristics

### Organoleptic data

Color: pale yellow

Odor: smooth perfume, original.

Appearance: transparent liquid, solid below 24 °C

### Chemical data

90% of saturated fatty acids (coconut oil),

9% of unsaturated fatty acids,

lipophilic substances of *Gardenia tahitiensis*

Composition in fatty acids saturated (%) with Monoï de Tahiti® (A.O.):

C6	0.6 / C8	8.5 / C10	8.0 / C12	44 / C14	16 / C16	9.5 / C18	3.0 /
	oleic acid	6.5					
	linoleic acid	1.6					

### Physical data

gravity:	0.915 + 0.005
density at 25 °C:	0.910 - 0.920
solubility:	insoluble in water, soluble in oil
melting point:	24 °C
disturbing point:	18 °C
liquefaction point:	24 °C - 26 °C
saponification point:	15 °C - 20 °C
acidity value:	5 Mg KOH/g
saponification index:	260 + 20 Mg KOH/g
peroxide index:	10 meq oxy/kg
refraction index:	1.445 - 1.450

### Microbiological data

aerobic germs	< 100/g
anaerobic germs	< 10/g



### Handling

Nonflammable spontaneously

Stable product

No particular protection on behalf of the manipulators required

Biological analysis

### Laboratory tests on Monoï de Tahiti® (A.O.)

Ocular and cutaneous irritation primary

on cultures of fibroblasts and reconstituted human skin

(ocular index of irritation: 7.3 weak)

(cutaneous index of irritation: 0.5 very weak)

Toxicity

tests with single application on volunteers (non toxic with ingestion)

Factor hypoallergenic

tests with multiple application on volunteers (nonhypoallergenic)

Factor of hydration for short and long terms

corneometry and dehydration on volunteers measurement

(factor of hydration of 10%)

Monoï de Tahiti® (A.O.) is classified in the category of natural origin rough cosmetics without any counter-indication or restriction with use.

### Data relating to the animal experiments:

Not tested on animals

2- FRAGRANCE

3- TOCOPHEROL

### PROPERTIES AND DIRECTIONS OF USE:

Hydrates, soothes, and softens body skin and dry to damaged hair.

Apply to wet hair after shower or before outdoor going

Suitable for Polynesian massage

This information is certified exact in the current state of our knowledge

Tahiti, on May 23, 2008

The manager,

