



## MATERIAL SAFETY DATA SHEET

**Product :** Tea Tree essential oil

**Last update :** 11/09/2013

### 1. IDENTIFICATION

**Trade Name:** Tea Tree essential oil

**Botanical name:** Melaleuca alternifolia

**Use:** Aromatherapy ,Perfumery

**CAS° :** 85085 -48-9

**Country of origin :** Morocco

### 2. PHYSICAL DATA

**Odor:** Characteristic warm, spicy odor

**Appearance:** Pale yellow

**Solubility in Water:** Insoluble

**Gravity:** 0.880 – 0.906

### 3. FIRE, EXPLOSION AND REACTIVITY

**Flashpoint:** up to 47 °C

**Stability:** Stable

**Hazard Class:** 3

**Packaging Group:** III

**UN#:** 1169

#### 4. PROTECTION INFORMATION

**Respiratory Protection:** None generally required, Avoid casual breathing of vapors

**Eye Protection:** The use of safety glasses is recommended. If a material is to be handled in a manner where splashing may occur, the use of splash goggles or face shield is recommended

**Skin Protection:** Use chemical resistant gloves.

**Other:** Use at elevated temperature or aerosol / spray applications may require additional precautions

#### 5. HEALTH HAZARD INFORMATION

**Inhalation:** Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness

**Skin Contact:** Repeated or prolonged contact can cause redness, irritation and scaling of skin (Dermatitis). Adverse skin effects should be prevented by normal care and personal hygiene

**Eye Contact:** May irritate eyes

**Ingestion :** Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting

#### 6. EMERGENCY AND FIRST AID MEASURES

**Inhalation:** Remove to fresh air. Give oxygen if breathing is labored and seek medical advice. Avoid casual breathing. Signs of over exposure are dizziness

and nausea.

**Skin Contact:** Skin contact can produce irritation, or itching of the skin. Remove contaminated clothing Wash with soap and plenty of water. Seek medical attention if irritation persists.

**Eye Contact :** Contact with eyes can produce burning sensation. Irrigate with water immediately, continue flushing eyes with water for 15 minutes. Seek medical attention if irritation persists.

**Ingestion:** Rinse mouth; dilute with milk or water and consult a physician immediately. Do not induce vomiting. Never-give anything by mouth if victim is unconscious, is rapidly losing or is Convulsing

## 7. HANDLING AND STORAGE

**Handling:** Follow good industrial practice as to housekeeping, Avoid inhalation, contact with skin and eyes. Wear splash goggles and oil-resistant gloves. Provide good ventilation.

**Storage:** Containers should be kept closed in order to minimize contamination. Store in a cool, dry, well ventilated place protected from light. Keep away from extreme heat and from freezing conditions and away from all sources of ignition

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*This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.*