



AfroCosmetics

SAFETY DATA SHEET

01. IDENTIFICATION

- **NAME OF PREPARATION OR SUBSTANCE:** Tea Tree Oil
- **INCI NAME:** *Melaleuca alternifolia*
- **SUPPLIER NAME:** AfroCosmetics & Culture LLC
- **SUPPLIER ADDRESS:** 1691 Sands Place STE G, Marietta, GA 30067, USA
- **TELEPHONE NUMBER:** 404-698-8509
- **RECOMMENDED USE:** Raw material for cosmetic products; cleaner
- **EMERGENCY TELEPHONE NUMBER:** Chemtrec 1-800-424-9300 (24 hrs)

02. HAZARD IDENTIFICATION

- **SIGNAL WORD:** Warning
- **CLASSIFICATION:**
 - Xn; R22: Harmful if swallowed
 - Xn; R65: Harmful: may cause lung damage if swallowed
 - Xi; R38: Irritating to skin
 - N; R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
 - R43: May cause sensitization by skin contact
- **HAZARD SYMBOLS:**
 - Xn: Harmful
 - N: Dangerous for the environment
- **R PHRASES:**
 - 22: Harmful if swallowed

- 38: Irritating to skin
- 43: May cause sensitization by skin contact
- 51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- 65: Harmful: may cause lung damage if swallowed

03. COMPOSITION/INFORMATION ON INGREDIENTS

- **CHEMICAL CHARACTERIZATION:** *Melaleuca alternifolia* extract
- **CAS NUMBER:** 85085-48-9
- **EC NUMBER:** 285-377-1

04. FIRST AID MEASURES

- **GENERAL INFORMATION:** In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.
- **INHALATION:** Remove affected person from the immediate area. Ensure supply of fresh air.
- **SKIN CONTACT:** When in contact with the skin, clean with soap and water.
- **EYE CONTACT:** Separate eyelids, wash the eyes thoroughly with water (15 min.). Seek medical assistance.
- **INGESTION:** Do not induce vomiting – aspiration hazard. Call a physician immediately and show the Safety Data Sheet. Never give anything by mouth to an unconscious person.
- **SPECIAL NOTE:** Women who are pregnant or nursing should avoid contact with Tea Tree Oil.

05. FIRE FIGHTING MEASURES

- **SUITABLE EXTINGUISHING MEDIA:** Extinguishing powder, water spray jet, alcohol-resistant foam.
- **EXTINGUISHING MEDIA THAT MUST NOT BE USED:** Full water jet.
- **SPECIAL EXPOSURE HAZARDS:** In the event of fire, the following can be released: Carbon dioxide (CO₂), Carbon monoxide (CO).

- **SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:** Use self-contained breathing apparatus. Wear protective clothing.
- **OTHER INFORMATION:** Heat causes an increase in pressure and risk of bursting. Cool endangered containers with a water spray jet.

06. ACCIDENTAL RELEASE MEASURES

- **PERSONAL PRECAUTIONS:** Refer to protective measures listed in Sections 7 and 8. Ensure adequate ventilation. Keep away from sources of ignition. Avoid contact with skin, eyes, and clothing.
- **ENVIRONMENTAL PRECAUTIONS:** Do not discharge into drains/surface water/groundwater.
- **METHODS FOR CLEANING UP:** Pick up with absorbent material (e.g., sand, sawdust, general-purpose binder). Send in suitable containers for recovery or disposal.

07. HANDLING & STORAGE

- **HANDLING:**
 - **ADVICE ON SAFE HANDLING:** Provide good ventilation in the working area (local exhaust ventilation, if necessary). Minimize product inherent handling risks by taking appropriate protective and preventive measures. Design the working process to avoid the release of hazardous substances or skin contact as much as possible.
 - **ADVICE ON PROTECTION AGAINST FIRE AND EXPLOSION:** Keep away from sources of heat and ignition.
- **STORAGE:**
 - **REQUIREMENTS FOR STORAGE ROOMS AND VESSELS:** Store product in closed containers. Always keep in containers of the same material as the original one.
 - **ADVICE ON STORAGE ASSEMBLY:** Do not store together with oxidizing agents or acids.
 - **FURTHER INFORMATION ON STORAGE CONDITIONS:** Keep the container tightly closed and dry in a cool, well-ventilated place. Protect from light and exposure to air/oxygen.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **EXPOSURE LIMIT VALUES:** None.
- **EXPOSURE CONTROLS:**
 - **PERSONAL PROTECTIVE EQUIPMENT:**
 - **RESPIRATORY PROTECTION:** If workplace exposure limits are exceeded, wear respiratory protection approved for this particular job. In case of aerosol and mist formation, take appropriate measures for breathing protection if workplace threshold values are not specified.
 - **HAND PROTECTION:** Wear suitable protective gloves, checked according to EN 374, in the event of risk of skin contact with the product. Adhere to the manufacturer's instructions and information relating to the use, storage, care, and replacement of protective gloves.
 - **EYE PROTECTION:** Safety glasses with side protection shield (EN 166).
 - **SKIN PROTECTION:** Normal chemical work clothing.
 - **GENERAL PROTECTIVE AND HYGIENE MEASURES:** Observe usual precautions when handling chemicals. Do not eat, drink, or smoke during work. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapors.

09. PHYSICAL & CHEMICAL PROPERTIES

- **FORM:** Liquid
- **COLOR:** Colorless to slightly yellow
- **ODOR:** Characteristic
- **BOILING RANGE:** 115-270°C
- **BOILING POINT:** Approx. 176°C
- **FLASH POINT:** 57-60°C
- **IGNITION TEMPERATURE:** 72°C
- **DENSITY:** 0.885-0.906 g/cm³ @ 20°C
- **SOLUBILITY IN WATER:** Insoluble

10. STABILITY & REACTIVITY

- **CONDITIONS TO AVOID:** Plastics may be corroded. Keep away from sources of ignition. Protect from exposure to air/oxygen.
- **MATERIALS TO AVOID:** Strong oxidizing agents; Acids.
- **HAZARDOUS DECOMPOSITION PRODUCTS:** No hazardous decomposition products known.
- **THERMAL DECOMPOSITION:** No decomposition if used as prescribed.
- **OTHER INFORMATION:** Prolonged exposure to air will result in gradual resinification and deterioration.

11. TOXICOLOGICAL INFORMATION

- **ACUTE TOXICITY:**
 - **ACUTE ORAL TOXICITY:** LD50: 1900 mg/kg [rat] (Source: RTECS)
 - **EXPERIENCE IN PRACTICE:** In case of swallowing with subsequent vomiting, aspiration of the lungs can occur, leading to chemical pneumonia or asphyxiation. Possibility of sensitization through skin contact.

12. ECOLOGICAL INFORMATION

- **GENERAL INFORMATION:** Ecological data is not available. Do not discharge product unmonitored into the environment.

13. DISPOSAL CONSIDERATIONS

- **PRODUCT:** Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.
- **PACKAGING:** Residuals must be removed from packaging, and when emptied completely, disposed of in accordance with regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

14. TRANSPORT INFORMATION

- **TRANSPORT ADR/RID/ADN:**
 - **CLASS:** 3
 - **CLASSIFICATION CODE:** F1
 - **PACKING GROUP:** III
 - **HAZARD IDENTIFICATION NUMBER:** 30
 - **UN NUMBER:** 1169
 - **TECHNICAL NAME:** EXTRACTS, AROMATIC, LIQUID
 - **SPECIAL PROVISION:** 640 640E
 - **TUNNEL RESTRICTION CODE:** D/E
 - **LABEL:** 3
- **TRANSPORT IMDG:**
 - **CLASS:** 3
 - **PACKING GROUP:** III
 - **UN NUMBER:** 1169
 - **TECHNICAL NAME:** EXTRACTS, AROMATIC, LIQUID
 - **EmS:** F-E+S-D
 - **LABEL:** 3
 - **MARINE POLLUTANT MARK:** Symbol “fish and tree”
- **TRANSPORT ICAO/IATA:**
 - **CLASS:** 3
 - **PACKING GROUP:** III
 - **UN NUMBER:** 1169
 - **TECHNICAL NAME:** EXTRACTS, AROMATIC, LIQUID
 - **LABEL:** 3

15. REGULATORY INFORMATION

- **LABELING IN ACCORDANCE WITH EC DIRECTIVES:**
 - The product is classified and labeled in accordance with EC Directive 67/548/EC.
 - LABELING IN ACCORDANCE WITH IFRA/IOFI/EFFA.
 - EC no. 285-377-1 (*Melaleuca alternifolia*, ext.)
 - **HAZARD SYMBOLS:**
 - Xn: Harmful

- N: Dangerous for the environment
- **R PHRASES:**
 - 22: Harmful if swallowed
 - 38: Irritating to skin
 - 43: May cause sensitization by skin contact
 - 51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
 - 65: Harmful: may cause lung damage if swallowed
- **S PHRASES:**
 - 24: Avoid contact with skin.
 - 37: Wear suitable gloves.
 - 61: Avoid release to the environment. Refer to special instructions/safety data sheets.
 - 62: If swallowed, do not induce vomiting. Seek medical advice immediately and show this container or label.
- **COUNCIL DIRECTIVE 96/82/EC ON THE CONTROL OF MAJOR-ACCIDENT HAZARDS INVOLVING DANGEROUS SUBSTANCES:**
 - **REMARKS:** Annex 1, part 2, category 9b.

16. OTHER INFORMATION

- **SOURCES OF KEY DATA USED TO COMPILE THE DATA SHEET:** EC Directive 67/548/EC resp. 99/45/EC as amended in each case. Regulation (EC) No 1907/2006 (REACH) as amended in each case. EC Directives 2000/39/EC, 2006/15/EC as amended in each case. National Threshold Limit Values of the corresponding countries as amended in each case. Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.