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**MATERIAL SAFETY DATA SHEET**  
**In accordance with EEC Commission directive 91/155**  
**Ord River Tea Tree Oil**

*Melaleuca Alternifolia, Product Reference B125*  
*EINECS CAS 85085-48-9 USA CAS 68647-73-4*

**1. IDENTIFICATION**

Product Name                      Tea Tree *melaleuca alternifolia*

Bulk Code                            B125

**2. CHEMICAL COMPOSITION: INCLUDING HAZARDOUS COMPONENTS:**

This Essential Oil is steam distilled from the leaves of the *Melaleuca Alternifolia*. The principal constituent is Terpinen-4-ol and Cineole.  
The oil is classified as hazardous.

**3. HAZARDOUS IDENTIFICATION:**

This product is required to be labelled according to the regulation 96/54/EC governing hazardous substances. The hydrocarbon content ranges between 35- 45%.

**4. FIRST AID PROCEDURES:**

Skin Contact:                      Rinse with running water. Remove contaminated clothing.  
Eye Contact:                      Rinse with sterile water or an approved eyewash solution for 15 minutes.  
Inhalation:                        Move to fresh air and rest.  
Ingestion:                         If swallowed do not induce vomiting, seek medical advice and show the label or container.

**5. FIRE FIGHTING PROCEDURES:**

Suitable Extinguishers:        Normal extinguishers can be used (CO<sub>2</sub>, powders, foams, halogens).  
Unsuitable Extinguishers:     Direct water jet.  
Fire Hazard:                      Products of combustion – Oxides of Carbon.

**6. ACCIDENTAL RELEASE PROCEDURES:**

Safety Clothing:                 Wear clothing suitable for an emergency.  
Environmental Precautions:    Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.  
Clean Up Procedure:            Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

**7. HANDLING & STORAGE PROCEDURES:**

Handling:                         Avoid spillage and eye contact (gloves and goggles recommended).  
Ventilation:                      Good general ventilation required.  
Storage Conditions:            Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; Stainless Steel for bulk or glass for small quantities.

#### 8. EXPOSURE CONTROL/PERSONAL PROTECTION:

Respiratory: Use only in well ventilated areas. Use protection in poor ventilation.  
Hand Protection: Wear gloves.  
Eye Protection: Wear goggles  
Skin Protection: Wear suitable protection clothing

#### 9. PHYSICAL & CHEMICAL PROPERTIES:

Appearance: Clear Mobile Liquid.  
Odour: Characteristic, aromatic, earthy, myristic.  
Colour: Water White.  
Solubility: a. Solvent – Soluble  
b. Alcohol – Soluble  
c. Water – Insoluble  
Boiling Point: Not reported.  
Flash Point: 57°C.  
Specific Gravity: 20°C 0.889 – 0.906.  
Vapour Pressure mm: Not reported.

#### 10. REACTIVITY & STABILITY:

The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidization and may start to deteriorate after twelve months.

Synergistic Reaction: Not reported.  
Materials to avoid: Oxidizing agents.  
Polymerisation Hazard: None.

#### 11. TOXICOLOGICAL INFORMATION:

##### *Hazardous Effects*

Inhalation: Hazardous.  
Skin Contact: Concentrated oil can cause skin degreasing with some irritation.  
Eye Contact: Irritant.  
Ingestion: Hazardous.

#### 12. ECOLOGICAL DATA

This is a degradable product, however, do not release directly into the environment.

#### 13. DISPOSAL METHODS:

Recover the product where possible or bury in authorised landfill sites according to local authority regulations.

#### 14. TRANSPORT REGULATIONS:

Road: ADR/RID: 3.2.  
Rail: IMDG 3.  
Air: I.A.T.A 3.  
UN-No: 1169  
Proper Shipping Name: Extracts, Aromatic, Liquid  
IMDG Class: 3  
Packing Group III

#### 15. REGULATORY INFORMATION:

Labels for Conveyance: Xn R10  
Labels for Supply: Xn. R10. R22. R38. R65. S62.

#### 16. FURTHER INFORMATION:

**Whilst Absolute Aromas Ltd give the above advice in good faith, it is not intended to be a substitute for customers own testing to ascertain good safety procedures.**

**These regulations were designed for handling bulk products and to readily identify Toxic & Safety Data.**

**Safety information is under continuous review.**