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## MATERIAL SAFETY DATA SHEET

### In accordance with EEC Commission directive 91/155

# Tamanu Virgin Oil

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#### 1. IDENTIFICATION

Product Name Tamanu (Virgin) Oil - *Calophyllum inophyllum*

Bulk Code B571

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

Tamanu fruits are collected from the ground after they have fallen from the tree, they are then dried on a rack for a month or so; this turns the kernels a deep, chocolate brown and becomes sticky with rich oil. Once this transformation has taken place, the oil is extracted from the dark kernels using mechanical pressing.

The oil is non hazardous but is labelled according to regulation 96/54/EC.

#### 3. HAZARDOUS IDENTIFICATION:

This product is not hazardous

#### 4. FIRST AID PROCEDURES:

Skin Contact: Wash off with soap and water  
Eye Contact: Rinse with sterile water  
Inhalation: Oil is non volatile  
Ingestion: If swallowed do not induce vomiting, seek medical advice.

#### 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, burning fumes are acrid.

#### 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:       | Mobile Liquid.                |
| Odour:            | Typical fatty oil             |
| Colour:           | Dark Green/ Brown             |
| Solubility:       | a. Solvent – Soluble          |
|                   | b. Alcohol – Slightly soluble |
|                   | c. Water – Insoluble          |
| Specific Gravity: | 25°C 0.920 – 0.927            |

## 10. REACTIVITY & STABILITY:

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

|                        |                  |
|------------------------|------------------|
| Synergistic Reaction:  | None             |
| Materials to avoid:    | Oxidizing agents |
| Polymerisation Hazard: | None             |

## 11. TOXICOLOGICAL INFORMATION:

### *Hazardous Effects*

|               |      |
|---------------|------|
| Inhalation:   | None |
| Skin Contact: | None |
| Eye Contact:  | None |
| Ingestion:    | None |

## 12. ECOLOGICAL DATA

This product is not known to be harmful to 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: | Not required |
| Rail: | Not required |
| Air:  | Not required |

## 15. REGULATORY INFORMATION:

|                        |                 |
|------------------------|-----------------|
| Labels for Conveyance: | R10             |
| Labels for Supply:     | R10 R22 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.**