

## 2465 – Tea Tree Oil Safety Data Sheet

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : 2465 – Tea Tree Oil  
CAS Number : 68647-73-4

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Food industry: component

#### 1.3. Details of the supplier of the safety data sheet

LorAnn Oils, Inc.  
4518 Aurelius Road  
Lansing, MI 48910  
Telephone: 1.800.862.8620

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC: Within USA and Canada: 1.800.424.9300 Outside USA and Canada: +1 703 527 3887

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS-US)

Aspiration hazard 1	H304	May be fatal if swallowed and enters airways
Eye damage/irritation 2A	H319	Causes serious eye irritation
Environ haz, chronic 2	H411	Toxic to aquatic life with long-lasting effects
Flammable liquid 3	H226	Flammable liquid and vapour
Skin irritation 2	H315	Causes skin irritation
Skin sensitization 1	H317	May cause an allergic skin reaction

#### 2.2. Label elements

GHS label elements: The substance is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms :



Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H304 May be fatal if swallowed and enters airways  
H319 Causes serious eye irritation  
H411 Toxic to aquatic life with long-lasting effects  
H226 Flammable liquid and vapour  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction

Precautionary statements (GHS-US) : P261 Avoid breathing dust/fumes/gas/mist/vapours/spray  
P273 Avoid release to the environment  
P501 Dispose of contents/container in accordance with local/regional/national/international regulation  
P331 Do not induce vomiting  
P280 Wear protective gloves/protective clothing/eye protection/face protection

## SECTION 3: Composition/information on ingredients :

**Chemical Characterization:** Substances

**CAS No. Description:** 68647-73-4 *Melaleuca alternifolia* Oil

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures after inhalation : Remove from exposure and move to fresh air immediately. Get medical assistance if cough or other symptoms appear.
- First-aid measures after skin contact : Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- First-aid measures after eye contact : Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.
- First-aid measures after ingestion : Do not induce vomiting. Get medical aid if irritation of symptoms occurs.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : CO<sub>2</sub>, dry powder or foam type extinguishers

### 5.2. Special hazards arising from the substance or mixture

No further relevant information available.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## SECTION 6: Accidental release measures

PROCEDURE : Remove any source of flame or sparks. If in a confined area NIOSH approved respiratory protection may be required. Remove individuals from the area if they do not have respiratory/dust protection. Spray material with water to prevent dusting and remove to an approved disposal container. Follow Federal, State and Local procedures for cleaning up of powder. Dispose of in accordance with current laws and regulations.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Handle according to good safety procedures, avoiding unnecessary exposure by wearing appropriate protective gear for the situation.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage : Store in full closed containers in a cool dry area away from heat, light and sources of ignition.

## SECTION 8: Exposure controls/personal protection

- Respiratory protection : Respiratory protection is normally not required in well ventilated areas. However, approved respiratory protection may be required when the material is rated toxic by inhalation or if the material is to be used in a confined area.
- Eye protection : Moderate to severe irritation
- Skin protection : May cause irritation

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid

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Color	: Colorless to pale yellow
Odor	: Powerful fresh, warm, spicy-earthly odor
pH	: N/A
Relative evaporation rate (butyl acetate=1)	: N/A
Melting point	: N/A
Boiling point	: N/A
Flash point	: 134 °F
Auto-ignition temperature	: N/A
Vapor pressure at 20 °C	: N/A
Refractive index	: 1.478
Specific gravity	: 0.8919
Solubility	: Insoluble
Viscosity, dynamic	: N/A
Auto-ignition temperature	: N/A

## 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

### 10.2. Chemical stability

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

Strong oxidizing agents, strong reducing agents

### 10.5. Incompatible materials

No further relevant information available.

### 10.6. Hazardous decomposition products

Carbon monoxide, carbon dioxide

## SECTION 11: Toxicological information

LD50 (ORAL) : N/A

LD50 (DERMAL) : N/A

LC50 : N/A

MUTAGENICITY : N/A

CARCINOGENICITY : N/A

REPRODUCTIVE TOXICITY : N/A

## SECTION 12: Ecological information

### 12.1. Toxicity

Aquatic toxicity : No data available

Persistence and degradability : Not available

### 12.2. Behavior in environmental systems

Bioaccumulative potential : Not available

## 12.3. Additional Ecological Information

Results of PBT and vPvB assessment

PBT: Not determined.

vPvB: Not determined.

Other adverse effects: Do not allow the material to enter streams, sewers or other waterways.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State and Local Regulations.

## SECTION 14: Transport information

DOT: *Perfumery product*

UN/NA ID#: *1266*

TARIFF#: *3301.29.5150*

HAZARD CLASS: *3*

PACKAGING GROUP: *III*

IMO: *N/A*

IATA: *N/A*

## SECTION 15: Regulatory information

- **GHS label elements:** The substance is classified and labelled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**



GHS08



GHS09



GHS07



GHS02

- **Signal word:** Danger
- **Risk Phrases:**
  - Flammable
  - Harmful if swallowed
  - Irritating to eyes, respiratory system, and skin
- **Safety Phrases:**
  - Keep away from source of ignition. – No smoking
  - Keep out of the reach of children
  - Avoid contact with skin and eyes
  - After contact with skin, wash immediately
  - Wear suitable protective clothing, gloves and eye/face protection

## SECTION 16: Other information

Other information

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