



## MATERIAL SAFETY DATA SHEET

### TEA TREE OIL

# MSDS

#### 1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: TEA TREE OIL  
Product Use: Personal Care Formulations  
Company Name: Suyash Ayurveda  
Company Address: 4311/3,Sachin GIDC,Surat 394230  
Date Issued: 01/15/2013  
Emergency Telephone Number: 9374812345,9376012345

#### 2. COMPOSITION/INGREDIENT INFORMATION

Ingredients:  
Steam Distilled Oil Of Melaleuca  
alternifolia 100%  
CAS #: 8022-72-8; 68647-73-4  
RTECS: RJ3697600

#### 3. HAZARDS IDENTIFICATION

Hazard Classification: Classified as Dangerous Goods for the purpose of transportation by road or rail.  
Risk Phrases: R10: Flammable  
R22: Harmful if Swallowed  
R36: Irritating to Eyes  
Safety Phrases: S26: In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poison Center.  
S36: Wear suitable protective clothing  
Routes of Entry  
Eye Contact: Irritation may occur  
Skin Contact: May cause irritation to lungs and throat upon prolonged exposure

#### 4. FIRST AID MEASURES

Eyes: Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.  
Skin: Remove contaminated clothing. Wash with soap and flush with plenty of water. Seek medical attention if irritation persists.  
Ingestion: Do not induce vomiting. Administer water or milk to dilute. Seek medical attention immediately or call a poison control center.  
Inhalation: Avoid gross inhalation of fumes. Remove to fresh air and seek medical attention if needed.

## 5. FIRE FIGHTING MEASURES

Extinguishing Media:	Dry Chemical, Carbon Dioxide, Foam, Fog Do Not Use Water Jet
Special Firefighting Procedures:	Fire fighters should wear positive pressure self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Cool containers exposed to flame with waterfog.
Unusual Fire & Explosion Hazards:	No Information
Hazardous Decomposition Materials:	May produce toxic gases (hydrocarbons, carbon oxides) upon burning.

## 6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Personal Protection:	Avoid ingestion Follow good industrial practice as to housekeeping, personal hygiene and avoidance of prolonged or repeated contact with the skin or eyes. Wear eye protection, chemical resistant gloves and aprons. Ventilate area well. NIOSH approved respiratory device may be used. Eliminate all sources of ignition Ventilate area Prevent liquid from entering sewers
Methods for Cleaning Up:	Small spills can be wiped up with paper rags (place in closed metal waste container) Large spills can be absorbed onto non-flammable absorbent. Wash area with soap and water.

## 7. HANDLING AND STORAGE

Handling	Avoid ingestion Follow good industrial practice as to housekeeping, personal hygiene and avoidance of prolonged or repeated contact with the skin or eyes.
Safe Handling:	Wear eye protection, chemical resistant gloves and aprons. Ventilate area well. NIOSH approved respiratory device may be used.
Storage Requirements for Storage Areas and Containers:	Store in an area that is cool, dry, and well-ventilated. Store away from light.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Threshold Limit Value:	Not established
OSHA Permissible Limit:	Not established
Engineering Controls:	Eye wash station and safety showers are recommended near the work area.

Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:

Work Practice Controls:	(1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. (3) Wash exposed skin promptly to remove accidental splashes or contact with this material.
Respiratory:	Avoid casual breathing of vapors. NIOSH approved respiratory device may be used.
Ventilation:	Local, mechanical exhaust is recommended
Eye:	OSHA approved safety glasses
Skin:	Wear chemical resistant gloves and clothing to avoid skin contact

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid, Oil
Color:	Clear pale yellow
Odor:	Characteristic of tea tree, warm, spicy
Vapor Pressure(mm Hg.):	2100 Pa
Flash Point:	57-60°C Closed Cup
Boiling Point:	97-220°C
Freezing Point:	-22°C
Specific Gravity (@ 20°C):	0.885-0.906
Refractive Index @ 20°C:	1.4750- 1.4820
Solubility in Water:	Insoluble

## 10. STABILITY AND REACTIVITY

Stability:	This material is stable under normal conditions
Reactivity:	Material does not react with water.
Incompatibility (Materials to Avoid):	Avoid contact with strong oxidizing agents and avoid hot work and sources of ignition on or near empty containers.
Conditions to Avoid:	Avoid contact with sparks, flame and heat.
Hazardous Decomposition or Byproducts:	May produce toxic gases (hydrocarbons, carbon oxides) upon burning.
Hazardous Polymerization:	Will Not Occur

## 11. TOXICOLOGICAL INFORMATION

CAUTION: Liquid may be irritating to eyes and skin. ACGIH	
TLV:	None established
OSHA PEL:	None established
Carcinogenicity:	NTP Monograph: None established IARC Monograph: None established Oral LD50: None established
Acute Toxicity Data:	Dermal LD50: None established Inhalation LC50: None established

Ingestion of large quantities: None established  
Inhalation: None established.  
Skin Contact: Liquid may be irritating Eye  
Contact: Liquid may be irritating

Health Hazards (Acute & Chronic):

Note: The above effects are based on evaluation of individual components, the relevancy to the mixture as a whole or to humans is unknown. Handling of this fragrance that results in inhalation of fumes, may cause severe adverse health effects.

## 12. ECOLOGICAL INFORMATION

No information

## 13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Dispose of according to local, state and federal regulations.

## 14. TRANSPORT INFORMATION

DOT Classification: CLASS 3: Flammable Liquid  
Identification: Extract, Aromatic, Liquid (Tea Tree Oil) UNNA: 1169 PG: III

## 15. REGULATORY INFORMATION

Federal and State Regulations: TSCA 8(b) inventory: Tea Tree Oil (Melaleuca Alternifolia)  
Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).  
Other Classifications:  
WHMIS (Canada): CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F)  
DSCL (EEC): R10: Flammable R22: Harmful if swallowed R36/38: Irritating to eyes and skin

## 16. ADDITIONAL INFORMATION

### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HEALTH: 2      FIRE HAZARD: 2      REACTIVITY: 0      PERSONAL PROTECTION: J  
4 = EXTREME    3 = HIGH      2 = MODERATE    1 = SLIGHT    0 = NO SIGNIFICANT HAZARD

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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.