

**Safety Data Sheet**

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Section 1: Identification

Product Name Tea Tree Oil (Melaleuca Alternifolia)
Commercial Name Not available
Product Use FOR MANUFACTURING, PROCESSING, OR REPACKING
Restrictions On Use Not available
Product Code 30-2416
Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Health, Skin corrosion/irritation, 2 Health, Serious eye damage/eye Irritation, 2A Health, Specific target organ toxicity - Single exposure, 3 Physical, Flammable Liquids, 4 Health, Acute toxicity, 4 Oral Health, Acute toxicity, 5 Dermal

Signal Word WARNING

Hazard Statement(s) H226 FLAMMABLE LIQUID AND VAPOR. H302 HARMFUL IF SWALLOWED. H315 CAUSES SKIN IRRITATION. H317 MAY CAUSE AN ALLERGIC SKIN REACTION. H319 CAUSES SERIOUS EYE IRRITATION. H331 TOXIC IF INHALED. H336 MAY CAUSE DROWSINESS OR DIZZINESS. H351 SUSPECTED OF CAUSING CANCER. H361 SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention	P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash skin thoroughly after handling P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Response	P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P302 + P352 IF ON SKIN: Wash with of soap and water. P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a POISON CENTER or doctor/physician if you feel unwell. P332 + P313 If skin irritation occurs: Get medical advice/ attention. P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
Storage	P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
Disposal	P501 Dispose of contents/container to approved waste disposal site.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Tea Tree Oil (Melaleuca Alternifolia) Australian
% By Weight 100
CAS# 68647-73-4
Molecular Weight Not available.
Chemical Formula Not available.
Synonym(s) Not available.

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Tea Tree Oil (Melaleuca Alternifolia) Australian	68647-73-4	100	Not available.	ORAL (LD50):Acute: 1900mg/kg [Rat].

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Section 4: First-Aid Measures

Inhalation	Move individual to fresh air. If person has stopped breathing administer artificial respiration. Seek medical attention.
Skin Contact	Wash off with soap and plenty of water. Consult a physician if irritation develops.
Eye Contact	Flush eyes with plenty of running water for several minutes. Seek medical attention if irritation develops or persists.
Ingestion	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Get qualified medical attention.
Symptoms/Effects	
Acute	Not available
Delayed	Not available.
Immediate Medical Attention	Not available.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Use extinguishing media suitable for surrounding fire.

Unsuitable Extinguishing Media

Not available.

Products of Combustion

Thermal decomposition under fire conditions may produce toxic nitrogen dioxide fumes.

Firefighters Special Equipment and Precautions

Wear self-contained breathing apparatus

Section 6: Accidental Release Measures

Personal Precautions, Protective equipment, emergency procedures: Avoid contact with the material. See section 8 of SDS for PPE recommendations. SCBA must be used when handling a spill or leak. Environmental Precautions: Keep runoff from entering drains or waterways. Spill/Leak procedures: Extinguish all ignition sources. Stay up wind from spill or leak. Contain spill or leak. Dike area if necessary to prevent spill from spreading or entering sewers and waterways. Recover as much as possible then absorb remainder with inert material. Place into closed container for disposal. Regulatory Requirements: Dispose of recovered material in accordance with all applicable state and federal regulations.

Section 7: Handling and Storage

Handling: Avoid contact with eyes, skin, or clothing. Do not taste or swallow. Do not inhale vapor or mist. Use with adequate ventilation. For industrial use only! Storage: Keep containers tightly closed when not in use. Protect container and its fittings from physical damage. Keep only in the original container in a cool, well ventilated place away from : Keep container tightly closed.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Not available.

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Personal Protection

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Eye protection: Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin and body protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Section 9: Physical and Chemical Properties

Appearance	Liquid. Color: Light Yellow		
Odor	Not available		
Odor Threshold	Not available		
Melting Point	Not available.	pH	Not available
Freezing Point	Not available	Vapor Pressure	Not available.
Boiling Point/Range	165 °C (329 ° F) lit.	Vapor Density	Not available.
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not available
Flash Point	130 °F	Autoignition temperature	Not available
Flammability	Flammable	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	Not available		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Stable under recommended storage conditions.
Chemical Stability	Not available
Hazardous Polymerization	Not available.
Conditions to Avoid	Oxidation promoting conditions (Heat, Sunlight and Air).
Incompatible Materials	Strong Oxidizing Agents
Hazardous Decomposition Products	Not available

Section 11: Toxicological Information

RTECS	RJ3697600
Acute Toxicity	
Oral LD50 LD50 Oral - rat - 1,900 mg/kg Inhalation LC50 no data available Dermal LD50 LD50 Dermal - rabbit - 5,000 mg/kg	
Skin Corrosion/Irritation	
Not available	
Serious Eye Damage/Irritation	
Not available	
Respiratory or Skin Sensitization	
Not available	
Germ Cell Mutagenicity	
Not available	
Carcinogenicity	
Not available	
Reproductive Toxicity	
Not available	
Routes of Entry	
Not available	
Symptoms Related to Exposure	
Not available	

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Potential Health Effects

Inhalation - May cause respiratory irritation Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion Harmful if swallowed. Skin Harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

Target Organ(s) Not available

Section 12: Ecological Information**Ecotoxicity**

Not available

Persistence and Degradability

Not available

Bioaccumulative Potential

Not available

Mobility in Soil

Not available

Other Adverse Effects

Not available

Section 13: Disposal Considerations**Waste Disposal**

This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Disposal of Container

Dispose of as unused product

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

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

Section 15: Regulatory Information**Regulations**

SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards Fire hazards, Acute Health Hazard Massachusetts Right To Know Components: No components are subject to the Massachusetts Right To Know Act. Pennsylvania Right To Know Components Tea tree oil , CAS-No. 68647-73-4 New Jersey Right To Know Components Tea tree oil , CAS-No. 68647-73-4 California Prop. 65 components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Other

WHMIS CLASS B-2: Flammable liquid with a flash (Canada) point lower than 37.8°C (100°F);DSCL (EEC) R10- Flammable. R22- Harmful if swallowed. R36/38- Irritating to eyes and skin.;Gloves.;Lab coat.;Wear appropriate respirator when ventilation is inadequate.;Splash goggles.

Section 16: Other Information

Not available.