

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: CFR 1910.1200	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	DANGER
Hazard Statement(s)	H226 FLAMMABLE LIQUID AND VAPOR. H302 HARMFUL IF SWALLOWED. H304 - May be fatal if swallowed and enters airways 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. H401 - Toxic to aquatic life. H411 - Toxic to aquatic life with long lasting effects

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention

P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P240 - Ground/Bond container and receiving equipment. P241 - Explosion-proof electrical equipment and grounded lighting P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. P264 - Wash hands thoroughly after handling P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P272 - Contaminated work clothing must not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection

Response

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - If inhaled: Remove person to fresh air and keep 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. P308+P313 - If exposed or concerned: Get medical advice/attention. P311 - Call a POISON CENTER or doctor/physician. P312 - Call a POISON CENTER or doctor/physician if you feel unwell. P321 - Specific treatment (see supplemental first aid instruction on this label). P330 - Rinse mouth. P331 - Do NOT induce vomiting. P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P363 - Wash contaminated clothing before reuse. P370+P378 - In case of fire: Use media other than water to extinguish. P391 - Collect spillage. P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up.

Storage



Safety Data Sheet

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

Tea Tree Oil (Melaleuca Alternifolia)

30-2416

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

Section 4: First-Aid Measures

Inhalation	Move to fresh air. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician. Specific treatment (see supplemental first aid instruction on this label). Call a POISON CENTER or doctor/physician if you feel unwell
Skin Contact	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label). If skin irritation or rash occurs
Eye Contact	Rinse cautiously with water for several minutes. Rinse immediately with water. Contact ophthalmologist immediately. Do not use neutralization products. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention
Ingestion	If swallowed, rinse mouth with water (only if the person is conscious). Ingestion of large quantities: immediately to hospital. Call a poison center/doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell. Immediately call a poison center or doctor/physician
Symptoms/Effects	
Acute	Symptoms/effects : Suspected of damaging fertility or the unborn child. Symptoms/effects after inhalation : Toxic if inhaled. Danger of serious damage to health by prolonged exposure through inhalation. May cause an allergic skin reaction. May cause drowsiness or dizziness. Symptoms/effects after skin contact : Tingling/irritation of the skin. Causes skin irritation. Symptoms/effects after eye contact : Irritation of the eye tissue. Causes serious eye irritation. Symptoms/effects after ingestion : Swallowing a small quantity of this material will result in serious health hazard. May be fatal if swallowed and enters airways
Delayed	Symptoms/effects : Suspected of damaging fertility or the unborn child. Symptoms/effects after inhalation : Toxic if inhaled. Danger of serious damage to health by prolonged exposure through inhalation. May cause an allergic skin reaction. May cause drowsiness or dizziness. Symptoms/effects after skin contact : Tingling/irritation of the skin. Causes skin irritation. Symptoms/effects after eye contact : Irritation of the eye tissue. Causes serious eye irritation. Symptoms/effects after ingestion : Swallowing a small quantity of this material will result in serious health hazard. May be fatal if swallowed and enters airways
Immediate Medical Attention	Not available.

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

Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable Extinguishing Media

Do not use a heavy water stream.

Products of Combustion

Fire hazard : Flammable liquid and vapor. Explosion hazard : May form flammable/explosive vapor-air mixture

Firefighters Special Equipment and Precautions

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Protection during firefighting : Heat/fire exposure: compressed air/oxygen apparatus. Do not enter fire area without proper protective equipment, including respiratory protection

Section 6: Accidental Release Measures

General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking. For non-emergency personnel Protective equipment : Gloves. Face shield. Protective clothing. Emergency procedures : Mark the danger area. Wash contaminated clothes. Evacuate unnecessary personnel. For emergency responders Protective equipment : Equip cleanup crew with proper protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Emergency procedures : Ventilate area. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment Methods for cleaning up : Take up liquid spill into absorbent material. Scoop absorbed substance into closing containers. Wash clothing and equipment after handling. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials

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Section 7: Handling and Storage

Additional hazards when processed : Handle empty containers with care because residual vapors are flammable Precautions for safe handling : Comply with local regulations for disposal. Carry out operations in the open/under local exhaust/ventilation or with respiratory protection. Keep container tight closed. Measure the concentration in the atmosphere. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Explosion-proof electrical equipment and grounded lighting. Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container tightly closed. Incompatible products : Strong bases. Strong acids. Incompatible materials : Sources of ignition. Direct sunlight. Heat sources. Heat-ignition : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Storage area : Meet the legal requirements

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Not available.
Personal Protection	Personal protective equipment : Avoid all unnecessary exposure. Hand protection : Wear protective gloves/protective clothing/eye protection protective gloves. Eye protection : Face shield. Chemical goggles or safety glasses. Skin and body protection : Protective clothing. Wear suitable protective clothing. Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. [In case of inadequate ventilation] wear respiratory protection. Other information : Do not eat, drink or smoke during use

Section 9: Physical and Chemical Properties

Appearance	Liquid.		
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	Not available.	Vapor Density	Not available.
Decomposition temperature	Not available	Viscosity	<20.5 (mm ² /2
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)	Poorly soluble in water.		
Other	Relative density: 0.895		

Section 10: Stability and Reactivity

Reactivity	No additional information available.
Chemical Stability	Flammable liquid and vapor. May form flammable/explosive vapor-air mixture.
Hazardous Polymerization	Not available.
Conditions to Avoid	Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.
Incompatible Materials	Strong acids. Strong bases.
Hazardous Decomposition Products	fume. Carbon monoxide. Carbon dioxide. May release flammable gases

Section 11: Toxicological Information

RTECS	RJ3697600
Acute Toxicity	Not classified.
Skin Corrosion/Irritation	Causes skin irritation.
Serious Eye Damage/Irritation	Causes serious eye irritation
Respiratory or Skin Sensitization	May cause an allergic skin reaction
Germ Cell Mutagenicity	Not classified
Carcinogenicity	Suspected of causing cancer.
Reproductive Toxicity	Suspected of damaging fertility or the unborn child
Routes of Entry	Not available

Symptoms Related to Exposure

Not available

Potential Health Effects

Aspiration hazard : May be fatal if swallowed and enters airways.

Target Organ(s)

Not available

Section 12: Ecological Information**Ecotoxicity**

Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Persistence and Degradability

Biodegradability in water: no data available. May cause long-term adverse effects in the environment.

Bioaccumulative Potential

No bioaccumulation data available. Not established.

Mobility in Soil

No additional information available

Other Adverse Effects

Not available

Section 13: Disposal Considerations**Waste Disposal**

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose in a safe manner in accordance with local/national regulations.

Disposal of Container

Additional information : Handle empty containers with care because residual vapors are flammable.

Other Considerations

Ecological information : Avoid release to the environment. Hazardous waste due to toxicity

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

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product