

Tea Tree Essential Oil

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 09/01/2020
Supersedes: 01/02/2018

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Tea Tree Essential Oil	Distributor:	MakingCosmetics.com Inc.
Synonyms:	Not available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Tea tree oil (Melaleuca Alternifolia)	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	68647-73-4	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Liquid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:
 Acute Toxicity - Oral: Category 4
 Skin Corrosion/Irritation: Category 2
 Serious Eye Damage/Eye Irritation: Category 2A
 Skin Sensitization: Category 1B
 Aspiration Toxicity: Category 1
 Flammable Liquids: Category 3

GHS Signal Word:



GHS Hazard Pictograms:

GHS Hazard Statements:

H302: Harmful if swallowed.
 H315: Causes skin irritation.
 H319: Causes serious eye irritation.
 H317: May cause an allergic skin reaction.
 H304: May be fatal if swallowed and enters airways.
 H226: Flammable liquid and vapor.
 H401: Toxic to aquatic life.

GHS Precautionary Statements:

H411: Toxic to aquatic life with long lasting effects.
 P264: Wash face, hands, and any exposed 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.
 P261: Avoid breathing dust/fumes/gas/mist/vapors/spray.
 P272: Contaminated work clothing should not be allowed out of the workplace.
 P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 P233: Keep container tightly closed.
 P240: Ground/bond container and receiving equipment.
 P241: Use explosion-proof electrical/ventilating/lighting/equipment.
 P242: Use only non-sparking tools.
 P243: Take precautionary measures against static discharge.
 P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
 P337 + P313: If eye irritation persists get medical advice/attention.
 P333 + P313: If skin irritation or a rash occurs: Get medical advice/attention.
 P303 + P361 + P353 + P363: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.
 P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P331 + P330: Do NOT induce vomiting. Rinse mouth.
 P370 + P378: In case of fire: Use CO₂, dry chemical, or foam for extinction.
 P501: Dispose of contents/container to an approved waste disposal plant.

Potential Health Hazards:

Eyes: No data available.
 Inhalation: No data available.
 Skin: No data available.
 Ingestion: No data available

NFPA Ratings (704):

Health N/A N/A

Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Tea Tree Essential Oil	68647-73-4	100%	No data available

4 FIRST AID MEASURES

Eyes:	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Inhalation:	Remove from area of exposure. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.
Skin:	Wash off skin with soap and water. Get medical attention if irritation develops or persists.
Ingestion:	Clean mouth with water, and afterwards drink plenty of water. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Seek medical attention if symptoms occur.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	Not available
Specific hazards arising from the chemical:	No data available. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Ensure adequate ventilation. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.
Methods and material for containment and cleaning up:	Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Handle in accordance with good industrial hygiene and safety practices. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use. Essential oils must be diluted prior to use. It is the sole responsibility of the user to determine the method and amount of dilution required for safe use, which may vary depending on the nature of the intended use. Keep away from children and pregnant women. Not for ingestion. Not for use in food applications.
Conditions for safe storage, incl. any incompatibilities:	Keep containers tightly closed in a cool, dry well-ventilated area. Keep away from open flames, hot surfaces, sources of ignition, and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Tea tree oil (Pinene, alpha)	20 ppm	TWA	ACGIH TLV

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes: Tight sealing safety goggles should be worn.
 If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations.

Inhalation: Respiratory protection must be provided in accordance with current local regulations.

Body: No special technical protective measures are necessary.

Other: Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid	Vapor Pressure:	No data available
Odor:	Characteristic	Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Colorless to pale yellow	Ignition Temperature:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	Not determined	Solubility in Water:	Insoluble
Boiling Point:	Not determined	Flash Point:	35°C (132°F)
Melting Point:	Not determined	Specific Gravity:	No data available
Relative Density:	No data available	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	Not determined	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Freezing Point:	No data available

10 STABILITY AND REACTIVITY

Reactivity: No dangerous reactions known under normal conditions of use.

Chemical Stability: Stable under recommended storage conditions.

Hazardous Polymerization: None under normal processing.

Conditions to Avoid: Extreme temperatures and direct sunlight.

Incompatible Materials: Keep away from strong oxidizing agents and strongly acid or alkaline materials.

Hazardous Decomposition Products: None known based on information supplied.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: Product does not present an acute toxicity hazard based on known information.

Skin: No data available

Eyes: No data available

Respiratory: No data available

Ingestion: No data available

Carcinogenicity: No data available

Teratogenicity: No data available

Germ Cell Mutagenicity: No data available

Embryotoxicity: No data available

Specific Target Organ Toxicity: No data available

Reproductive Toxicity: No data available

Respiratory/Skin Sensitization: No data available

Corrosivity: No data available

Sensitization: No data available

Irritation: No data available

Repeated Dose Toxicity: No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity None known.

Aquatic Vertebrate: No data available

Aquatic Invertebrate: No data available

Terrestrial: No data available

Persistence and Degradability: No data available

Bioaccumulative Potential: No data available

Mobility in Soil: No data available
PBT and vPvB Assessment: No data available
Other Adverse Effects: No data available

13 DISPOSAL CONSIDERATIONS

Waste Residues: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
 The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	UN/ID Number: 1197 Proper shipping name: Extracts, flavoring, liquid Hazard Class: 3 Packing Group: III
TDG (Transportation of Dangerous Goods, Canada):	Not regulated
IMDG (International Maritime Dangerous Goods):	UN/ID Number: 1197 Proper shipping name: Extracts, flavoring, liquid Hazard Class: 3 Packing Group: III EMS Number: F-E, S-D
IATA (International Air Transport Association):	UN/ID Number: 1197 Proper shipping name: Extracts, flavoring, liquid Hazard Class: 3 Packing Group: III
ICAO (International Civil Aviation Organization):	UN/ID Number: 1197 Proper shipping name: Extracts, flavoring, liquid Hazard Class: 3 Packing Group: III

15 REGULATORY INFORMATION

TSCA Inventory Status:	No data available
DSCL (EEC):	No data available
WHMIS (Canada):	No data available
EU EINECS/ELINCS/NLP:	No data available
China IECSC:	No data available
China IECIC (06.30.2014):	No data available
Australia AICS:	No data available
SARA 313:	Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

16 OTHER INFORMATION

Revision Date:	09/01/2020
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.