

Material Safety Data Sheet

**24 HOUR EMERGENCY NUMBER:
(800) 222-1222 POISON CONTROL**

SECTION 1.1 PRODUCT IDENTIFICATION

Product Name: Tea Tree Essential Oil
CAS #: 85085-48-9
EINECS #: 285-377-1

SECTION 1.2 COMPANY INFORMATION

Company: Nature's Fusions
Address: 57 N 1380 W, Orem, UT, 84057
Telephone No: 801-872-9500

SECTION 2.1 HAZARDS CLASSIFICATION

GHS-US Classification: Flammable Liquid 3
Sensitization - Skin 1B
Eye Damage/Irritation 2A
Skin Corrosion/Irritation 2
Acute Toxicity (Oral) 4
Aspiration Toxicity 1

SECTION 2.2 HAZARDS IDENTIFICATION

Signal Word: Danger
Hazard Pictograms:



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

Precautionary Statement: 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 Explosion-free electrical equipment and lighting with earth.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P280 Wear protective gloves/eye protection/face protection.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370+P378 In case of fire: Use media other than water to extinguish.

24 HOUR EMERGENCY NUMBER: (800) 222-1222 POISON CONTROL

P403+P235 Store in a well-ventilated place. Keep cool.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
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.
P264 Wash face, hands, and any exposed skin thoroughly after handling.
P330 Rinse mouth.
P301+P310+P331 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 2.3 OTHER HAZARDS IDENTIFICATION

Other Hazards: No additional information available.

SECTION 3. COMPOSITION

Product Name	CAS #	EC #	Concentration
Tea Tree	85085-48-9	285-377-1	100%

SECTION 4.1 NECESSARY FIRST AID MEASURES

Eye Contact:	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Inhalation:	Move to fresh air.
Ingestion:	Clean mouth with water and afterwards drink plenty of water.
Skin Contact:	Wash skin with soap and water.

SECTION 4.2 SYMPTOMS

Eye Contact:	No additional information available.
Inhalation:	No additional information available.
Ingestion:	No additional information available.
Skin Contact:	No additional information available.

SECTION 4.3 OTHER FIRST AID MEASURES

Medical Attention/Special Treatment:	Treat symptomatically.
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SECTION 5.1 EXTINGUISHING

Suitable Extinguishing media:	CO2. Dry Chemical. Alcohol-Resistant Foam.
Unsuitable Extinguishing media:	Water.

SECTION 5.2 SPECIAL HAZARDS

Special Hazards Arising from Chemical:	Thermal decomposition can lead to release of irritating gases and vapors.
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SECTION 5.3 FIRE FIGHTING MEASURES

Firefighter Instructions:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Protection during firefighting:	No additional information available.

SECTION 6.1 ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use personal protective equipment. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
Protective equipment:	No additional information available.
Environmental Precautions:	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

SECTION 6.2 ACCIDENTAL RELEASE CLEANING MEASURES

24 HOUR EMERGENCY NUMBER: (800) 222-1222 POISON CONTROL

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Methods and Material for
Cleaning Up:

Pick up and transfer to properly labelled containers. Soak up with inert
absorbent material. Dam up.

SECTION 7.1 PRECAUTIONS FOR HANDLING

Precautions for handling:

Wear personal protective equipment. Use only in area provided with
appropriate exhaust ventilation. Do not breathe vapors or spray mist. Use
product only in closed system.

SECTION 7.2 CONDITIONS FOR SAFE STORAGE

Conditions for safe storage:

Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep
away from open flames, hot surfaces, and sources of ignition.

SECTION 8.1 EXPOSURE AND ENGINEERING CONTROLS

PEL, ACGIH, TLV exposure
limit:

No additional information available.

Appropriate engineering
controls:

Shower. Eyewash stations. Ventilation systems.

SECTION 8.2 PERSONAL PROTECTION/EQUIPMENT

Eye/Face Protection:

Tightly sealed goggles.

Hand Protection:

Wear protective gloves.

Skin and Body Protection:

No special technical protective measures are necessary.

Respiratory Protection:

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

Environmental Exposure
Control:

No additional information available.

SECTION 8.3 ADDITIONAL INFORMATION

Other:

When using, do not eat, drink, or smoke. Regular cleaning of equipment, work
area, and clothing.

SECTION 9.1 PHYSICAL PROPERTIES

Appearance:

Thin, clear, pale yellow liquid.

Odor:

Middle note with a medium aroma, Tea Tree has a fresh, slightly medicinal
scent with characteristic woody, camphoraceous notes.

Odor Threshold:

No data available.

Physical State:

Liquid.

SECTION 9.2 CHEMICAL PROPERTIES

24 HOUR EMERGENCY NUMBER: (800) 222-1222 POISON CONTROL

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pH:	No data available.
Melting Point/Freezing Point:	No data available.
Boiling Point:	No data available.
Flash Point:	56° C
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Explosive limits:	No data available.
Vapor Pressure:	No data available.
Vapor Density:	No data available.
Specific Gravity:	0.885 - 0.906 @ 20° C (68° F)
Solubility:	Soluble in alcohol and oils. Not soluble in water.
Partition coefficient: (n-octanol/water)	No data available.
Autoignition Temp:	No data available.
Decomposition Temp:	No data available.
Viscosity:	Mobile Liquid

SECTION 10. STABILITY AND REACTIVITY

Reactivity:	No dangerous reaction known under conditions of normal use. Keep away from oxidizing agents and strongly acid or alkaline materials.
Chemical Stability:	Stable under normal conditions. Hazardous polymerization does not occur.
Hazardous Reactions:	None under normal processing.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Combustion or Decomposition Products:	CO. CO2.

SECTION 11.1 ROUTES OF EXPOSURE

Inhalation:	Refer to section 4.2
Skin Contact:	Refer to section 4.2
Eye Contact:	Refer to section 4.2
Ingestion:	Refer to section 4.2

SECTION 11.2 RELATED SYMPTOMS

Inhalation:	Refer to section 4.2
Skin Contact:	Refer to section 4.2
Eye Contact:	Refer to section 4.2
Ingestion:	Refer to section 4.2

SECTION 11.3 OTHER TOXICOLOGICAL INFORMATION

Delayed/Chronic Effects:	May cause allergic reactions on skin, may result in difficulty breathing.
Toxicity:	Acute Oral Toxicity [Rat]: LD50 1,971 mg/kg Acute Dermal Toxicity [Rabbit]: LD50 > 5,000 mg/kg
Carcinogenic:	Not Carcinogenic.

SECTION 12.1 ECOLOGICAL INFORMATION

Eco-toxicity:	Toxic to aquatic life with long lasting effects.
Persistence and Degradability:	No additional information available.
Bio-accumulative:	Does not bioaccumulate.
Mobility in Soil:	No additional information available.

SECTION 12.2 OTHER ECOLOGICAL INFORMATION

Other Adverse Effects:	No additional information available.
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SECTION 13. DISPOSAL CONSIDERATION

Waste Disposal Method:	Dispose of in accordance with local regulations.
Contaminated Packaging Disposal Method:	Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14. TRANSPORT INFORMATION

DOT Shipping (Land):	Regulated
IATA Shipping (Air):	Regulated
IMDG Shipping (Boat):	Regulated. Marine Pollutant: Yes.
Proper Shipping Name:	Extracts, Flavoring, Liquid
UN #:	1197
Hazard Class:	3
Packaging Group:	III

SECTION 15. REGULATORY INFORMATION

US Federal Regulations:	Listed on the United States TSCA (Toxic Substances Control Act) inventory
International Regulations:	Listed on the Canadian DSL (Domestic Substances List)

SECTION 16. OTHER INFORMATION

Health Hazard (HMIS):	N/A
Flammability Hazard (HMIS):	N/A
Physical Hazard (HMIS):	N/A
Sara 313:	None
California Proposition 65:	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm per the Safe Drinking Water and Enforcement Act of 1986.

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