

Material Safety Data Sheet

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

SECTION 1.1 PRODUCT IDENTIFICATION

Product Name: Pine Essential Oil
CAS #: 8023-99-2
EINECS #: Unknown

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
Skin Corrosion/Irritation 2
Eye Damage/Irritation 2

SECTION 2.2 HAZARDS IDENTIFICATION

Signal Word: Warning
Hazard Pictograms:



Hazard Statement: H226 Flammable liquid and vapor.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

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 Use explosion-proof electrical/ventilating/lighting equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P264 Wash hands, forearms and face thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 If on skin: Wash with plenty of water.
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 Specific treatment (see supplemental first aid instruction on this label)
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.

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P362+P364 Take off contaminated clothing and wash it before reuse.
P370+P378 In case of fire: Use media other than water to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

SECTION 2.3 OTHER HAZARDS IDENTIFICATION

Other Hazards: No additional information available.

SECTION 3. COMPOSITION

Product Name	CAS #	EC #	Concentration
Pine	8023-99-2	Unknown	100%

SECTION 4.1 NECESSARY FIRST AID MEASURES

Eye Contact:	Wash thoroughly with soft, clean water for 15 minutes holding eye lids open.
Inhalation:	No additional information available.
Ingestion:	If accidentally swallowed obtain immediate medical attention. Do not give patient anything orally. Keep the person exposed at rest. Do not force vomiting. If swallowed, seek medical advice immediately and show this container or label. Call a physician immediately.
Skin Contact:	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted, or the patient transferred to hospital. In the event of an allergic reaction, seek medical attention. Watch out for any remaining product between skin and clothing, watches, shoes, etc.

SECTION 4.2 SYMPTOMS

Eye Contact:	Splashes in the eyes may cause irritation and reversible local damage.
Inhalation:	Exposure to vapors from this solvent in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.
Ingestion:	No additional information available.
Skin Contact:	May cause an allergic skin reaction. May cause irreversible damage to skin: namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

SECTION 4.3 OTHER FIRST AID MEASURES

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

Suitable Extinguishing media:	ABC-Powder. BC-Powder. Foam. Halons. CO2.
Unsuitable Extinguishing media:	Water.

SECTION 5.2 SPECIAL HAZARDS

Special Hazards Arising from Chemical:	Fire hazard: A fire will often produce a thick black smoke. Do not breathe smoke. Exposure to decomposition products may be hazardous to health. Reactivity: In the event of a fire, carbon monoxide can be formed. In the event of a fire, carbon dioxide may be formed.
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SECTION 5.3 FIRE FIGHTING MEASURES

Firefighter Instructions: No additional information available.
Protection during firefighting: No additional information available.

SECTION 6.1 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with skin and eyes.
Protective equipment: Wear recommended personal protective equipment.
Environmental Precautions: Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent liquid from entering sewers, watercourses, underground or low areas. Notify authorities if product enters sewers or public waters. Use drums to dispose of collected waste in compliance with current regulations.

SECTION 6.2 ACCIDENTAL RELEASE CLEANING MEASURES

Methods and Material for Cleaning Up: Clean up with detergents. Do not use solvents or thinners.

SECTION 7.1 PRECAUTIONS FOR HANDLING

Precautions for handling: Avoid contact with skin, eyes and clothing. Do not breathe vapors. Do not eat, drink or smoke when using this product. Prevent access by unauthorized personnel. Ensure adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Vapors are heavier than air. The can spread along the ground and form mixtures that are explosive with air. Avoid accumulation of electrostatic charges. Never open the packages under pressure. Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

SECTION 7.2 CONDITIONS FOR SAFE STORAGE

Conditions for safe storage: Always keep in packaging made of an identical material to the original. Avoid the build-up of electrostatic charge. Keep away from food and drink, including for animals. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Store in a well-ventilated place. Keep container tightly closed. The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

SECTION 8.1 EXPOSURE AND ENGINEERING CONTROLS

PEL, ACGIH, TLV exposure limit: No additional information available.
Appropriate engineering controls: Showers. Eyewash stations. Ventilation systems.

SECTION 8.2 PERSONAL PROTECTION/EQUIPMENT

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Eye/Face Protection:	Tight sealing safety goggles.
Hand Protection:	Wear protective gloves.
Skin and Body Protection:	Wear suitable protective clothing.
Respiratory Protection:	No additional information available.
Environmental Exposure Control:	No additional information available.

SECTION 8.3 ADDITIONAL INFORMATION

Other:	No additional information available.
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SECTION 9.1 PHYSICAL PROPERTIES

Appearance:	Thin, colorless to pale yellow liquid.
Odor:	Top note with a strong aroma, Pine Essential Oil has a woody evergreen scent similar to natural turpentine.
Odor Threshold:	No data available.
Physical State:	Liquid.

SECTION 9.2 CHEMICAL PROPERTIES

pH:	No data available.
Melting Point/Freezing Point:	No data available.
Boiling Point:	No data available.
Flash Point:	40° 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:	0.855 – 0.885 @ 20° C (68° F)
Solubility:	Soluble in alcohol and oils. Insoluble in water.
Partition coefficient: (n-octanol/water)	No data available.
Autoignition Temp:	No data available.
Decomposition Temp:	No data available.
Viscosity:	No data available.

SECTION 10. STABILITY AND REACTIVITY

Reactivity:	In the event of a fire, carbon monoxide can be formed. In the event of a fire, carbon dioxide may be formed.
Chemical Stability:	This substance is stable under the recommended handling and storage conditions in section 7.
Hazardous Reactions:	When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, nitrogen oxides (NOx).
Incompatible Materials:	Water.

Hazardous Combustion
or Decomposition Products: CO. CO2.

SECTION 11.1 ROUTES OF EXPOSURE

Inhalation: Exposure to vapors from this solvent in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Skin Contact: May cause an allergic skin reaction. May cause irreversible damage to skin: namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Eye Contact: Splashes in the eyes may cause irritation and reversible local damage.

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: No additional information available.

Carcinogenic: Not Carcinogenic.

SECTION 12.1 ECOLOGICAL INFORMATION

Eco-toxicity: Harmful to aquatic life with long lasting effects. Do not allow into drains or water courses.

Persistence and Degradability: No additional information available.

Bio-accumulative: No additional information available.

Mobility in Soil: No additional information available.

SECTION 12.2 OTHER ECOLOGICAL INFORMATION

Other Adverse Effects: No additional information available.

SECTION 13. DISPOSAL CONSIDERATION

Waste Disposal Method: Do not allow into drains or water courses. Do not contaminate ground and surface water. Recycling is preferred to disposal or incineration. Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to

Contaminated Packaging Disposal Method: water, air, soil, plants or animals.
Empty container completely. Keep label on container. Give to a certified disposal contractor.

SECTION 14. TRANSPORT INFORMATION

DOT Shipping (Land): Regulated. Marine Pollutant: Yes.
IATA Shipping (Air): Regulated
IMDG Shipping (Boat): Regulated. Marine Pollutant: Yes.
Proper Shipping Name: Pine Oil
UN #: 1272
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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