

Material Safety Data Sheet

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

SECTION 1.1 PRODUCT IDENTIFICATION

Product Name: Rosemary Essential Oil
CAS #: 8000-25-7
EINECS #: 283-291-9

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
Eye Damage/Irritation 2A
Sensitization - Skin 1B
Aspiration Hazard 1
Special Target Organ Toxicity 2

SECTION 2.2 HAZARDS IDENTIFICATION

Signal Word: Danger
Hazard Pictograms:



Hazard Statement: H226 Flammable liquid and vapor.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H371 May cause damage to organs.
H373 May cause damage to organs through prolonged or repeated exposure.
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.

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P403+P235 Store in a well-ventilated place. Keep cool.
P264 Wash face, hands, and any exposed skin thoroughly after handling.
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.
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.
P260 Do not breathe dust/fume/gas/mist/vapors/spray.
P270 Do not eat, drink or smoke when using this product.
P309+P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
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
Rosemary (Cineole)	8000-25-7	283-291-9	100%

SECTION 4.1 NECESSARY FIRST AID MEASURES

Eye Contact:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Inhalation:	Remove to fresh air. If breathing is difficult, give oxygen. Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration.
Ingestion:	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
Skin Contact:	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

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:	Carbon dioxide. Dry chemical. Foam.
Unsuitable Extinguishing media:	Water.

SECTION 5.2 SPECIAL HAZARDS

Special Hazards Arising from Chemical:	FLAMMABLE. Will be easily ignited by heat, sparks or flames. Keep product and empty container away from heat and sources of ignition.
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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:	Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving essential oils or chemicals. Cool containers exposed to flame with water or fog.

SECTION 6.1 ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Avoid contact with eyes and skin. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Heat, flames and sparks.
Protective equipment:	See section 5.3
Environmental Precautions:	See Section 12 for additional Ecological Information.

SECTION 6.2 ACCIDENTAL RELEASE CLEANING MEASURES

Methods and Material for Cleaning Up:	Cover liquid spill with sand, earth or other non-combustible absorbent material. Sweep up and shovel into suitable containers for disposal.
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SECTION 7.1 PRECAUTIONS FOR HANDLING

Precautions for handling:	Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).
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SECTION 7.2 CONDITIONS FOR SAFE STORAGE

Conditions for safe storage:	Store in a well-ventilated place. Keep cool. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).
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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

Eye/Face Protection:	Avoid contact with eyes. Wear safety glasses with side shields (or goggles).
Hand Protection:	Protective gloves. The glove material has to be impermeable and resistant to the product/substance/preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
Skin and Body Protection:	Wear suitable protective clothing.
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. Ensure adequate

Environmental Exposure Control: ventilation,
especially in confined areas.
No additional information available.

SECTION 8.3 ADDITIONAL INFORMATION

Other: Wash contaminated clothing before reuse.

SECTION 9.1 PHYSICAL PROPERTIES

Appearance: Thin, clear, colorless to pale yellow liquid.
Odor: Top note with a strong aroma, Rosemary has a fresh, strong, woody, and herbal scent.
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: 43° C
Evaporation Rate: No data available.
Flammability (solid, gas): No data available.
Explosive limits: Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
Vapor Pressure: No data available.
Vapor Density: No data available.
Specific Gravity: 0.892 - 0.910 @ 20° C (68° F)
Solubility: Soluble in alcohol and oils. Insoluble in water.
Partition coefficient: No data available.
(n-octanol/water)
Autoignition Temp: No data available.
Decomposition Temp: No data available.
Viscosity: No data available.

SECTION 10. STABILITY AND REACTIVITY

Reactivity: No additional information available.
Chemical Stability: Stable under recommended storage conditions. Possible fire hazard.
Hazardous Reactions: None under normal processing.
Incompatible Materials: Strong oxidizing agents.
Hazardous Combustion or Decomposition Products: CO. Nitrogen fumes.

SECTION 11.1 ROUTES OF EXPOSURE

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Inhalation:	Avoid breathing vapors or mists.
Skin Contact:	Avoid contact with skin. Irritating to skin. May cause an allergic skin reaction.
Eye Contact:	Avoid contact with eyes. Severely irritating to eyes.
Ingestion:	May be fatal if swallowed and enters airways.

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 dermal toxicity: LD50 [Rabbit] - > 10,000 mg/kg Acute oral toxicity: LD50 [Rat] - 5,000 mg/kg
Carcinogenic:	Not Carcinogenic.

SECTION 12.1 ECOLOGICAL INFORMATION

Eco-toxicity:	Very toxic to aquatic life with long lasting effects.
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.
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SECTION 13. DISPOSAL CONSIDERATION

Waste Disposal Method:	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging Disposal Method:	Do not reuse container. Disposal must be made according to official regulations.

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:	Extracts, Aromatic, 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):	1 Slight Hazard
Flammability Hazard (HMIS):	3 High Hazard
Physical Hazard (HMIS):	0 Minimal Hazard
Sara 313:	None
California Proposition 65:	This product contains trace amounts of naturally occurring Beta-Myrcene, Methyleugenol, and Pulegone. Product is California Proposition 65 compliant.

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