



# Material Safety Data Sheet

## 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:** 1405 W 820 N, Provo, UT, 84601

**Telephone No:** 801-872-9500

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

## SECTION 2.1 HAZARDS CLASSIFICATION

GHS-US Classification: Flammable Liquid 3  
Skin Corrosion/Irritation 2  
Eye Damage/Irritation 2A  
Sensitization - Skin 1B  
Target organ Toxicity 2  
Aspiration toxicity 1

## 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.  
 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.

## 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.

## 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.

## 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).



## 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).

## 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 ventilation, especially in confined areas.

Environmental Exposure Control: 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: 46° 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: 1.0  
Vapor Density: No data available.  
Specific Gravity: 0.892 – 0.910 @ 20° C (68° F)  
Solubility: 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: No additional information available.  
Chemical Stability: Fire Hazard.  
Hazardous Reactions: None under normal processing.  
Incompatible Materials: Non known based on information supplied.  
Hazardous Combustion or Decomposition Products: None known based on information supplied.

## SECTION 11.1 ROUTES OF EXPOSURE

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.

## 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 #: 1169  
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 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.

**Creation Date:** 8/5/2017

### COMPANY DISCLAIMER

The information contained in this Certificate of Analysis and Material Safety Data Sheet is obtained from current and reliable sources. The information contained herein is true and to the best of Nature's Fusions' knowledge. Nothing herein should be interpreted as a recommendation to infringe existing patents or violate any Laws or Regulation. Final determination of the suitability of the material is the sole responsibility of the user. Customers should purchase products from Nature's Fusions with the clear understanding that all products must be used at the customers own discretion and only after referencing Material Safety Data Sheets (MSDS) and all other relevant technical information specific to the product. Nature's Fusions shall not be held responsible for any damages to property or for any adverse physical effects (including injury or bodily harm) caused by insufficient knowledge or the improper use of a product. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As with any manufacturing process, Nature's Fusions strongly recommends small lab scale testing for evaluation purposes prior to full commercial manufacturing. The information on the Nature's Fusions' website is obtained from current and reliable sources but makes no representation as to its comprehensiveness or accuracy. Nothing contained herein should be considered as a recommendation by Nature's Fusions as to the fitness for any use. As the ordinary or otherwise use(s) of this product is outside the control of Nature's Fusions, no representation or warranty, expressed or implied is made as to the effect(s) of such use(s) (including damage or injury), or the results obtained. The liability of Nature's Fusions is limited to the value of the goods and does not include any consequential loss. Nature's Fusions shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon.