



Material Safety Data Sheet

SECTION 1.1 PRODUCT IDENTIFICATION

Product Name: Geranium Essential Oil

CAS #: 8000-46-2

EINECS #: 290-140-0

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 4
Skin Corrosion/Irritation 2
Eye Damage/Irritation 1
Sensitization - Skin 1
Acute Toxicity (Dermal) 4
Aspiration Toxicity 1

SECTION 2.2 HAZARDS IDENTIFICATION

Signal Word: **Danger**

Hazard Pictograms:



Hazard Statement: H227 Combustible liquid.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.
H312 Harmful in contact with skin.
H304 May be fatal if swallowed and enters airways.

Precautionary Statement: P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P280 Wear protective gloves/eye protection/face protection.
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.
P302+P352+P362 IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse.



P305+P351+P338+P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
 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.
 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: May be harmful if swallowed. Harmful to aquatic life with long lasting effects. Toxic to aquatic life.

SECTION 3. COMPOSITION

Product Name	CAS #	EC#	Concentration
Geranium	8000-46-2	290-140-0	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.

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: Keep product and empty container away from heat and sources of ignition. Risk of ignition.

SECTION 5.3 FIRE FIGHTING MEASURES

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

SECTION 6.1 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Evacuation personnel to safe areas. Keep people away from and upwind of spill/leak. Remove all sources of ignition. Pay attention to flashback. Take precautionary measures against static discharges.
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 for form explosive concentrations. Vapors can accumulate in low areas.

SECTION 6.2 ACCIDENTAL RELEASE CLEANING MEASURES

Methods and Material for Cleaning Up: Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Dam up. Take precautionary measures against static discharges.

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. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks, and open flame. – No smoking. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors.)

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: Showers. Eyewash stations. Ventilation system.

SECTION 8.2 PERSONAL PROTECTION/EQUIPMENT



- Eye/Face Protection: Tight sealing safety 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, pale yellow to greenish yellow liquid.
- Odor: Middle note with a stronger aroma, essential oils from the rose geranium usually have a softer scent with a rosy floral aroma.
- 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: >35° C
- Flash Point: 86° 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 – 0.905 @ 20° C (68° F)
- Solubility: No data available.
- 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 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 polymerisation does not occur.
- Hazardous Reactions: None under normal processing.
- Incompatible Materials: Strong oxidizing agents.
- Hazardous Combustion or Decomposition Products: None known based on information supplied.

SECTION 11.1 ROUTES OF EXPOSURE

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

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: Oral LD50: 4,250 mg/kg
Dermal LD50: >5,000 mg/kg
- Carcinogenic: Not Carinogenic.

SECTION 12.1 ECOLOGICAL INFORMATION

- Eco-toxicity: No additional information available.
- 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: 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): Not regulated
IATA Shipping (Air): Not regulated
IMDG Shipping (Boat): Not regulated
Proper Shipping Name: Not regulated/Non Hazardous Substance
UN #: Not regulated
Hazard Class: Not regulated
Packaging Group: Not regulated

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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