

# Material Safety Data Sheet

## SECTION 1.1 PRODUCT IDENTIFICATION

**Product Name:** Ginger Essential Oil

CAS #: 8007-08-7

EINECS #: 283-634-2

## 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: Skin Corrosion/Irritation 2  
Eye Damage/Irritation 2  
Sensitization - Skin 1  
Aspiration Hazard 1  
Aquatic Chronic Environment 2

## SECTION 2.2 HAZARDS IDENTIFICATION

Signal Word:

Danger

Hazard Pictograms:



Hazard Statement:

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H410 Toxic to aquatic life with long lasting effects.

Precautionary Statement:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 Wash ... thoroughly after handling.

P272 Contaminated work clothing must not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310 If swallowed: Immediately call a poison center/doctor.

P302+P352 If on skin: Wash with plenty of water.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P331 Do NOT induce vomiting.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P363 Wash contaminated clothing before reuse.  
P391 Collect spillage.  
P405 Store locked up.

## SECTION 2.3 OTHER HAZARDS IDENTIFICATION

Other Hazards: No additional information available.

## SECTION 3. COMPOSITION

<b>Product Name</b>	<b>CAS #</b>	<b>EC#</b>	<b>Concentration</b>
Ginger Root	8007-08-7	283-634-2	100%

## SECTION 4.1 NECESSARY FIRST AID MEASURES

- Eye Contact:** Wash thoroughly with soft, clean water for 15 minutes holding eye lids open. If eye irritation persists: Get medical advice/attention.
- Inhalation:** No additional information available.
- Ingestion:** Do not give patient anything orally. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with lukewarm water and consult a doctor. Keep the person exposed at rest. Do not force vomiting. Get immediate medical advice/attention. If swallowed, seek medical advice immediately and show this container or label.
- Skin Contact:** Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Watch out for any remaining product between skin and clothing, watches, shoes, etc. In the event of an allergic reaction, seek medical attention. 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.

## SECTION 4.2 SYMPTOMS

## Ginger Essential Oil

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- Eye Contact:** May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days. 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:** Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.
- Skin Contact:** 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 nonallergic contact dermatitis and absorption through the skin. May cause an allergic skin reaction.

### SECTION 4.3 OTHER FIRST AID MEASURES

Medical Attention/Special Treatment: Treat Symptomatically.

### SECTION 5.1 EXTINGUISHING

Suitable Extinguishing media: ABC-Powder. BC-Powder. CO<sub>2</sub>. Foam.  
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.

### SECTION 5.3 FIRE FIGHTING MEASURES

Firefighter Instructions: No additional information available.  
Protection during firefighting: Wear recommended personal protective equipment.

### 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.

## 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 eat, drink or smoke when using this product. Remove contaminated clothing. Prevent access by unauthorized personnel. Wash hands immediately after handling the product.

## SECTION 7.2 CONDITIONS FOR SAFE STORAGE

Conditions for safe storage: 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. Always keep in packaging made of an identical material to the original. Keep away from food and drink, including for animals. Keep container tightly closed.

## 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: Wear protective goggles.

Hand Protection: Wear protective gloves.

Skin and Body Protection: Wear 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.

## SECTION 9.1 PHYSICAL PROPERTIES

Appearance: Thin, pale yellow to yellow brown liquid.

Odor: Middle note with a medium aroma, Ginger Essential Oil has a warm, spicy, woody scent with a hint of lemon and pepper.

Odor Threshold: No data available.

Physical State: Liquid.

## SECTION 9.2 CHEMICAL PROPERTIES

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pH:	No data available.
Melting Point/Freezing Point:	No data available.
Boiling Point:	No data available.
Flash Point:	66° 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:	0.869 – 0.882 @ 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:	In the event of a fire, carbon monoxide and carbon dioxide can 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:	Carbon Dioxide. Carbon Monoxide.

## 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 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 nonallergic contact dermatitis and absorption through the skin. May cause an allergic skin reaction.
Eye Contact:	May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days. Splashes in the eyes may cause irritation and reversible local damage.
Ingestion:	Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

## 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: Ecology - general: Do not allow into drains or water courses. Harmful 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: Effect on the global warming: No known effects from this product.  
GWPmix comment: No known effects from this product.

## SECTION 13. DISPOSAL CONSIDERATION

Waste Disposal Method: Do not allow into drains or water courses. Waste management is carried out without endangering human health, without harming the environment and, without risk to water, air, soil, plants or animals. Do not contaminate ground and surface water.  
Contaminated Packaging Disposal Method: Empty container completely. Keep label on container. Recycle or dispose of in compliance with current legislation.

## SECTION 14. TRANSPORT INFORMATION

## Ginger Essential Oil

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DOT Shipping (Land): Regulated. Marine Pollutant: Yes.  
IATA Shipping (Air): Regulated  
IMDG Shipping (Boat): Regulated. Marine Pollutant: Yes.  
Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S.  
UN #: 3082  
Hazard Class: 9  
Packaging Group: III

## SECTION 15. REGULATORY INFORMATION

US Federal Regulations: Listed on the United States TSCA (Toxic Substances Control Act) inventory  
International Regulations: No additional information available.

## SECTION 16. OTHER INFORMATION

Health Hazard (HMIS): 2 Moderate Hazard  
Flammability Hazard (HMIS): 2 Moderate Hazard  
Physical Hazard (HMIS): 0 Minimal Hazard  
Sara 313: None  
California Proposition 65: Product contains Myrcene.

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

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