



Material Safety Data Sheet

SECTION 1.1 PRODUCT IDENTIFICATION

Product Name: Vertigo Essential Oil Blend

CAS #: 8006-90-4, 8008-79-5, 8007-08-7, 8008-52-4, 8008-56-8

SECTION 1.2 COMPANY INFORMATION

Company: Nature's Fusions, LLC.

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 2A
Sensitization - Skin 1B
Aquatic Acute Environment 3
Aquatic Chronic Environment 3

SECTION 2.2 HAZARDS IDENTIFICATION

Signal Word: Warning

Hazard Pictograms:



Hazard Statement:

H227 Combustible liquid.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H402 Harmful to aquatic life.
H412 Harmful to aquatic life with long lasting effects.
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 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.

Precautionary Statement:





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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.
 P273 Avoid release to the environment.
 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.

SECTION: 3. COMPOSITION / INFORMATION INGREDIENTS

Content	CAS #	EC#	Concentration
Peppermint Essential Oil	8006-90-4	282-015-4	30% - 60%
Spearmint Essential Oil	8008-79-5	283-656-2	15% - 40%
Ginger Essential Oil	8007-08-7	283-634-2	5% - 25%
Coriander Essential Oil	8008-52-4	283-880-0	1% - 10%
Lemon Essential Oil	8008-56-8	284-515-8	1% - 10%

**Specified chemical identity and/or exact percentage of composition has been withheld as a trade secret. **

SECTION 4.1 NECESSARY FIRST AID MEASURES

Eye Contact: Wash immediately and abundantly the eyes with a good running water at low pressure. Consult an ophthalmologist.
Inhalation: Move to fresh air in case of accidental inhalation of vapors. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.
Ingestion: If swallowed, do not induce vomiting; call for medical help immediately.
Skin Contact: In case of contact with skin wash immediately with soap and water.

SECTION 4.2 SYMPTOMS



- 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:** CO2. Foam. Dry Chemical.
- 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:** Wear self-contained breathing apparatus and protective suits.
- 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:** Avoid contact with skin, eyes or clothing. Use personal protection recommended in Section 8. Stop leak if you can do it without risk.
- Protective equipment:** Wear respirator, gloves, and eye protection. Avoid inhalation and contact with skin and eyes.
- 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: Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13). 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: Store in cool, dry place in tightly closed receptacles. Wear gloves and eye protection. Avoid inhalation and contact with skin and eyes. Follow good manufacturing practices for housekeeping and personal hygiene. Wash any exposed skin immediately after any chemical contact, before breaks, and meals and at the end of each work period. Contaminated clothing and shoes should be thoroughly cleaned before re-use.

SECTION 7.2 CONDITIONS FOR SAFE STORAGE

Conditions for safe storage: It is recommended that this material be stored in a cool, dry, well ventilated area, in tightly sealed, full containers.

SECTION 8.1 EXPOSURE AND ENGINEERING CONTROLS

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

SECTION 8.2 PERSONAL PROTECTION/EQUIPMENT

Eye/Face Protection: Tightly sealed goggles.
Hand Protection: Wear protective gloves.
Skin and Body Protection: Avoid contact with skin. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Respiratory Protection: Wear suitable respiratory equipment in case of insufficient ventilation.
Suitable respiratory protection: filter class A2 (brown color.)
Environmental Exposure Control: No additional information available.

SECTION 8.3 ADDITIONAL INFORMATION

Other: No additional information available.

SECTION 9.1 PHYSICAL PROPERTIES



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Appearance: Pale yellow to pale amber liquid.
Odor: Herbaceous mint with slight citrus note.
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: 67.5° 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: 0.800 - 0.942 @ 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 and carbon dioxide can be formed.
Chemical Stability: Stable under recommended storage conditions.
Hazardous Reactions: Formation of explosive gas mixture with air possible. In case of unpropitious storing conditions (air admission, heat accumulation) self ignition is possible for moistened solids (e.g. cloth, pulp, filter panels, binder).
Incompatible Materials: Strong acids and oxidizing agents.
Hazardous Combustion or Decomposition Products: Carbon Dioxide. Carbon Monoxide.

SECTION 11.1 ROUTES OF EXPOSURE



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- 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:** May be harmful if swallowed. 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:** No additional information available.
- Carcinogenic:** Not Carcinogenic.

SECTION 12.1 ECOLOGICAL INFORMATION

- Eco-toxicity:** 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:** Very toxic to aquatic organism, may cause long term adverse effects in the aquatic environment.

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 contaminated packaging thoroughly. They may



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be recycled after thorough and proper cleaning. Packaging that may not be cleansed are to be disposed of in the same manner as the product. Moistened solids (e.g. cloth, pulp, filter panels, binder) can be burnt after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

SECTION 14. TRANSPORT INFORMATION

DOT Shipping (Land): Regulated
 IATA Shipping (Air): Regulated
 IMDG Shipping (Boat): Regulated
 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: Ingredients listed on the United States TSCA (Toxic Substances Control Act) inventory
 International Regulations: Ingredients 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: Product contains Myrcene and Pulegone.

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