



Material Safety Data Sheet

SECTION 1.1 PRODUCT IDENTIFICATION

Product Name: Frankincense Essential Oil

CAS #: 8016-36-2

EINECS #: 289-620-2

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: Flammable Liquid 3
Skin Corrosion/Irritation 2
Eye Damage/Irritation 2A
Sensitization - Skin 1
Acute Toxicity (Oral) 4
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.
H302 Harmful if swallowed.
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.
 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.
 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.
 P330 Rinse mouth.
 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
Frankincense Carteri	8016-36-2	289-620-2	100%

SECTION 4.1 NECESSARY FIRST AID MEASURES

Eye Contact: Wash thoroughly with soft, clean water for 15 minutes holding eye lids open.
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. 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



- Eye Contact:** 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 an allergic skin reaction. 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 non-allergic contact dermatitis and absorption through the skin.

SECTION 4.3 OTHER FIRST AID MEASURES

Medical Attention/Special Treatment: Treat Symptomatically.

SECTION 5.1 EXTINGUISHING

- Suitable Extinguishing media:** CO2. BC-Powder. ABC-Powder. Foam. Halons. Water with AFFF (Aqueous Film Forming Foam) additive.
- Unsuitable Extinguishing media:** Water Jet.

SECTION 5.2 SPECIAL HAZARDS

Special Hazards Arising from Chemical: Fire hazard: A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe smoke.

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:** No additional information available.

SECTION 6.1 ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Avoid contact with skin and eyes. Wear protective clothing.
- Protective equipment:** No additional information available.
- 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. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Use drums to dispose of collected waste in compliance with current regulations.

SECTION 6.2 ACCIDENTAL RELEASE CLEANING MEASURES



Methods and Material for Cleaning Up: Clean preferably with a detergent - Avoid the use of solvents.

SECTION 7.1 PRECAUTIONS FOR HANDLING

Precautions for handling: Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Prevent access by unauthorized personnel. Prevent the build-up of electrostatic charge. Remove contaminated clothing. Vapors are heavier than air. The can spread along the ground and form mixtures that are explosive with air. Wash hands immediately after handling the product. Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits. Never open the packages under pressure.

SECTION 7.2 CONDITIONS FOR SAFE STORAGE

Conditions for safe storage: Always keep in packaging made of an identical material to the original. Keep away from food and drink, including for animals. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in a well-ventilated place. Keep cool. 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.

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: Wear suitable protective clothing.
Respiratory Protection: Wear appropriate mask.
Environmental Exposure Control: Avoid release to the environment.

SECTION 8.3 ADDITIONAL INFORMATION

Other: No additional information available.

SECTION 9.1 PHYSICAL PROPERTIES

Appearance: Thin, clear, pale yellow to brown liquid.
Odor: Base note with a medium aroma, Frankincense Essential Oil has a warm and spicy, woody odor, sometimes with a hint of citrus.
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:	41° 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:	0.820 – 0.915 @ 20° C (68° F)
Solubility:	Insoluble.
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 can be formed. In the event of a fire, carbon dioxide may 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:	CO. CO2.

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 an allergic skin reaction. 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 non-allergic contact dermatitis and absorption through the skin.
Eye Contact:	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: Do not allow into drains or water courses. Harmful to aquatic life with long lasting effects. Toxic to aquatic life.
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: Do not contaminate ground and surface water. Do not remove as household garbage. Do not allow into drains or water courses. Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.
Contaminated Packaging Disposal Method: Empty container completely. Keep label on container. Give to a certified disposal contractor.

SECTION 14. TRANSPORT INFORMATION

DOT Shipping (Land): Regulated. Dangerous of the environment: Yes. 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: No additional information available.

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.

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