



Material Safety Data Sheet

SECTION 1.1 PRODUCT IDENTIFICATION

Product Name: Nutmeg Essential Oil

CAS #: 8008-45-5

EINECS #: 282-013-3



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
Germ Cell Mutagenicity 2
Carcinogenicity 1B
Aquatic Acute Environment 1
Aquatic Chronic Environment 1

SECTION 2.2 HAZARDS IDENTIFICATION

Signal Word: Danger

Hazard Pictograms:



Hazard Statement: H226 Flammable liquid and vapor.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H341 Suspected of causing genetic defects.
H350 May cause cancer.
H410 Very toxic to aquatic life with long-lasting effects.

Precautionary Statement: P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.



- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/lighting/equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing dust/fumes/gas/mist/vapors/spray.
- P264 Wash hands thoroughly after handling.
- P272 Contaminated work clothing should 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 or doctor/physician.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P333+P313 If skin irritation or a 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.
- P370 In case of fire: Use extinguishing media listed in Section 5 of the SDS to extinguish.
- P391 Collect spillage.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents and container in accordance with local, regional, national and/or international regulation for hazardous wastes.

SECTION 2.3 OTHER HAZARDS IDENTIFICATION

Other Hazards: The substance does not satisfy the PBT or vPvP criteria in accordance with annexe XIII of the REACH regulations EC 1907-2006.

SECTION 3. COMPOSITION

Product Name	CAS #	EC#	Concentration
Nutmeg	8008-45-5	282-013-3	100%

SECTION 4.1 NECESSARY FIRST AID MEASURES



- Eye Contact:** Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.
- Inhalation:** No additional information available.
- Ingestion:** Do not give the patient anything orally. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Keep the person exposed at rest. Do not force vomiting. Seek medical attention immediately, showing the label. If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label. If swallowed accidentally, do not allow to drink, do not induce vomiting and transfer to hospital immediately by ambulance. Show the label to the doctor.
- Skin Contact:** Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognized cleaner. 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:** 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: Water with AFFF (Aqueous Film Forming Foam) additive. Halon. Foam. ABC-Powder. BC-Powder. CO2.

Unsuitable Extinguishing media: Water.

SECTION 5.2 SPECIAL HAZARDS

Special Hazards Arising from Chemical: A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. In the event of a fire, the following may be formed: CO, CO2.

SECTION 5.3 FIRE FIGHTING MEASURES

- Firefighter Instructions:** No additional information available.
- Protection during firefighting:** Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

SECTION 6.1 ACCIDENTAL RELEASE MEASURES



- Personal Precautions: Consult the safety measures listed under headings 7 and 8.
- Protective equipment: Avoid any contact with the 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. Prevent any material from entering drains or waterways. If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures. 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, do not use solvents.

SECTION 7.1 PRECAUTIONS FOR HANDLING

Precautions for handling: Always wash hands after handling. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas. Remove contaminated clothing and protective equipment before entering eating areas.

SECTION 7.2 CONDITIONS FOR SAFE STORAGE

Conditions for safe storage: Keep the container tightly closed in a dry, well-ventilated place. Keep away from food and drink, including those for animals. Keep away from all sources of ignition - do not smoke. Keep well away from all sources of ignition, heat and direct sunlight. Avoid accumulation of electrostatic charges. 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 systems.

SECTION 8.2 PERSONAL PROTECTION/EQUIPMENT

Eye/Face Protection: Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

Hand Protection: Wear protective gloves.

Skin and Body Protection: Wear suitable 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, colorless to pale yellow liquid.
Odor: Middle note of medium aroma, Nutmeg's scent is soft, spicy, and woody with a slightly musky 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: 38° C
Evaporation Rate: No data available.
Flammability (solid, gas): No data available.
Explosive limits: No data available.
Vapor Pressure: Between 175 kPa and 300 kPa inclusive.
Vapor Density: No data available.
Specific Gravity: 0.854 – 0.910 @ 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: $\nu < 7 \text{ mm}^2/\text{s}$ (20° C)

SECTION 10. STABILITY AND REACTIVITY

- Reactivity: No additional information available.
Chemical Stability: This substance is stable under the recommended handling and storage conditions in section 7.
Hazardous Reactions: When exposed to high temperatures, the substance can release hazardous decomposition products, such as CO and CO₂ fumes, and nitrogen oxide.
Incompatible Materials: No additional information available.
Hazardous Combustion
or Decomposition Products: The thermal decomposition may release/form: CO, CO₂.

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: No additional information available.
Carcinogenic: Not Carcinogenic

SECTION 12.1 ECOLOGICAL INFORMATION

Eco-toxicity: Very toxic to aquatic life with long lasting effects. The product must not be allowed to run into drains or waterways.
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: Waste management is carried out without endangering human health, without harming the environment and, without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment.
Contaminated Packaging Disposal Method: Empty container completely. Keep labels on container. Give to a certified disposal contractor.

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, Aromatics, Liquid
UN #: 1169
Hazard Class: 3
Packaging Group: III



SECTION 15. REGULATORY INFORMATION

US Federal Regulations: No additional information available.
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 and Eugenol.

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