

SAFETY DATA SHEET (SDS)

Nutmeg Essential Oil

Section 1. Product and Company Identification

Product Name: Nutmeg Essential Oil

Product Code: EO35

SKU: S-EO-35

Botanical Name: Myristica fragrans

Country of Origin: India

CAS #: 8007-12-3 / 8008-45-5

Manufacturer / Distributor: Silky Scents, LLC, 387 Magnolia Ave. STE. 103-122, Corona, CA 92879-3308, USA

Contact: customerservice@SilkyScents.com

Section 2. Hazards Identification

GHS Classification

Flammable Liquid - Category 3

Skin Corrosion/Irritation - Category 2

Serious Eye Damage/Eye Irritation - Category 2A

Skin Sensitization - Category 1

Germ Cell Mutagenicity - Category 2

Carcinogenicity - Category 1B

Hazardous to the aquatic environment, acute - Category 1

Hazardous to the aquatic environment, chronic - Category 1



Signal Word: Danger

Pictograms: GHS02 (Flame), GHS07 (Exclamation),
GHS08 (Health Hazard), GHS09 (Environment).

HAZARD STATEMENTS:

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.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long-lasting effects.

PRECAUTIONARY STATEMENTS:

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/vapours/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 3. Composition and Information on Ingredients

Component	CAS NO	EC NO	Concentration
alpha-Pinene	80-56-8	201-291-9	10 - 30 %
beta-Pinene	127-91-3	204-872-5	10 - 20 %
4-Carvomenthenol	562-74-3	209-235-5	3.0 - 12 %
p-Mentha-1,4-diene	99-85-4	202-794-6	2.0 - 10 %
d-Limonene	5989-27-5	227-813-5	2.0 - 8.0 %
p-Mentha-1,3-diene	99-86-5	202-795-1	2.0 - 8.0 %
Safrole	94-59-7	202-345-4	0.5 - 5.0 %
Terpinolene	586-62-9	209-578-0	0.5 - 5.0 %
Myrcene	123-35-3	204-622-5	0.5 - 5.0 %
alpha-Terpineol	98-55-5	202-680-6	0.2 - 5.0 %

Component	CAS NO	EC NO	Concentration
p-Cymene	99-87-6	202-796-7	0.2 - 5.0 %
Camphene	79-92-5	201-234-8	0.1 - 2.0 %

Section 4. First Aid Measures

Eye Contact: Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation: If inhaled, remove to fresh air. Get medical attention if symptoms appear.

Ingestion: Seek medical attention or contact local poison control center.

Section 5. Fire-Fighting Measures

Suitable Extinguishing Media: Foam. Dry powder. Carbon dioxide.

Unsuitable Extinguishing Media: Water spray, water jet.

Special Protective Equipment and Precautions for Fire-Fighters: Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special Hazards: Hazardous decomposition products may be formed at extreme heat or if burned.

Resulting Gases: Carbon oxides.

Section 6. Accidental Release Measures

Personal Precautions: Equip clean-up crew with proper protection. Respiratory protection equipment may be necessary.

Environmental Precautions: Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Containment and Cleaning Up: Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

Section 7. Handling and Storage

Precautions for Safe Handling: No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for Safe Storage: Provide local exhaust or general room ventilation to minimize vapour concentrations. Keep container closed when not in use. Store in a well ventilated place, keep cool, and store locked up.

Section 8. Exposure Controls/Personal Protection

Eyes: Use tightly sealed goggles.

Skin: If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory: In case of insufficient ventilation, wear suitable respiratory equipment.

Ingestion: Not for ingestion.

Exposure Limit Values: d-Limonene: TRGS 900 Occupational exposure limit value: 5 ppm.

Section 9. Physical and Chemical Properties

Property	Result
Appearance	Colorless to pale yellow liquid
Odor	Warm, spicy and aromatically sweet with pine odor
Flash Point	44.7 C

Property	Result
Relative Density	0.854 to 0.910 @ 20 C
Solubility	Soluble in alcohol and oils. Insoluble in water
Refractive Index	1.474 to 1.484 @ 20 C
Optical Rotation	+8 to +30 @ 20 C

Section 10. Stability and Reactivity

Reactivity: This material presents no significant reactivity hazard.

Chemical Stability: Chemically stable.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Avoid sparks, flame and other heat sources.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon oxides.

Section 11. Toxicological Information

Acute Toxicity: Nutmeg Oil: LD50 Oral - 2620 mg/kg.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Chronic Toxicity: May cause allergic reactions on skin.

Inhalation: Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

Skin Contact: Adverse skin effects should be prevented by normal care and personal hygiene.

Eye Contact: Possible irritation should be prevented by wearing safety glasses.

Section 12. Ecological Information

Ecotoxicity: Very toxic to aquatic organisms; may cause long-term adverse effects in the environment. Avoid any pollution of ground, surface or underground water.

Persistence and Degradability: Not available.

Bioaccumulative Potential: Not available.

Mobility in Soil: Not available.

Other Adverse Effects: Not available.

Section 13. Disposal Considerations

Waste Disposal: Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

Section 14. Transport Information

UN Number: UN1197

UN Shipping Name: Extracts, liquid

Transport Hazard Class: 3

Packing Group Number: III

US DOT (Land): UN1197, Extracts, liquid, Class 3, PG III

IMO-IMDG (Sea): UN1197, Extracts, liquid, Class 3, PG III



*"Nothing added, nothing taken away.
Only the best that nature can give."*

IATA (Air): UN1197, Extracts, liquid, Class 3, PG III

Section 15. Regulatory Information

California Proposition 65

- This product can expose you to beta-Myrcene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.
- This product can expose you to Safrole, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.
- This product can expose you to Methyleugenol, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Product Regulations: GHS Hazard Statements: please refer to Section 2. GHS Precautionary Statements: please refer to Section 2.

Section 16. Other Information

DISCLAIMER:

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