



Revision date: 03/05/2025

SAFETY DATA SHEET

SECTION 1: PRODUCT / SUBSTANCE IDENTIFICATION

PRODUCT NAME	:	Nutmeg Essential Oil
BOTANICAL NAME	:	<i>Myristica fragrans</i>
COUNTRY OF ORIGIN	:	India
CAS NUMBER	:	8008-45-5
EC NUMBER	:	282-013-3
SUPPLIER	:	Brooklyn Botany
ADDRESS	:	6569 Pond Apple Rd. Boca Raton, FL 33433
TELEPHONE NUMBER	:	914-940-5947

SECTION 2: HAZARD IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE

CLASSIFICATION ACCORDING TO THE REGULATION (EC) NO 1272/2008

Flammable liquids, Hazard Category 3; H226

Skin corrosion/irritation, Hazard Category 2; H315

Sensitization — Skin, Hazard Category 1; H317

Germ cell mutagenicity, Hazard Category 2; H341

Carcinogenicity, Hazard Category 1B; H350



Aspiration hazard, Hazard Category 1; H304

Hazardous to the aquatic environment — acute hazard, category acute 1; H400

Hazardous to the aquatic environment — long-term hazard, category chronic 1; H410

2.2 LABEL ELEMENTS



SIGNAL WORD : Danger

2.3 HAZARD STATEMENTS

- H226** : Flammable liquid and vapor.
- H304** : May be fatal if swallowed and enters airways.
- H315** : Causes skin irritation.
- H317** : May cause an allergic skin reaction.
- H341** : Suspected of causing genetic defects.
- H350** : May cause cancer.
- H410** : Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

- P201** : Obtain special instructions before use.



- P210** : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P280** : Wear protective gloves/protective clothing/eye protection/face protection.
- P301 + P310** : IF SWALLOWED: Immediately call a POISON CENTER/doctor.
- P331** : Do NOT induce vomiting.
- P501** : Dispose of contents/container to an approved waste disposal plant.

2.3 OTHER HAZARDS

N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 SUBSTANCES

CONCENTRATION RANGE OF THE CONSTITUENT (%WEIGHT/WEIGHT)	EC NUMBER / REGISTRATION NUMBER	CAS	CHEMICAL NAME
100%	282-013-3	8008-45-5	Myristica fragrans, oil

CONCENTRATION RANGE OF THE CONSTITUENT (%WEIGHT/WEIGHT)	CAS	EC NUMBER / REGISTRATION NUMBER	CHEMICAL NAME
<26,00	80-56-8	201-291-9	Pin-2(3)-ene
<16,00	127-91-3	204-872-5	Pin-2(10)-ene
<9,00	562-74-3	209-235-5	p-Menth-1-en-4-ol
<7,00	99-85-4	202-794-6	p-Mentha-1,4-diene
<6,00	99-86-5	202-795-1	p-Mentha-1,3-diene



<5,00	123-35-3	204-622-5	7-methyl-3-methyleneocta-1,6-diene
<5,00	5989-27-5	227-813-5	(R)-p-Mentha-1,8-diene
<3,00	94-59-7	202-345-4	5-Allyl-1,3-benzodioxole
<2,00	98-55-5	202-680-6	P-menth-1-en-8-ol
<2,00	13466-78-9	236-719-3	3,7,7-Trimethylbicyclo[4.1.0]hept-3-ene
<1,50	97-54-1	202-590-7	Isoeugenol
<1,00	470-82-6	207-431-5	4,7,7-trimethyl-8-oxabicyclo[2.2.2]-octane
<1,00	93-15-2	202-223-0	4-Allylveratrole

SECTION 4: FIRST AID MEASURES

4.1 EYE CONTACT

First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.

SKIN CONTACT

Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention.

INHALATION

Remove person to fresh air and keep at rest.

CONSUMPTION

If swallowed, rinse mouth with water. Seek medical advice immediately and show this container or label. Do NOT induce vomiting.

4.2 MOST IMPORTANT SYMPTOM AND EFFECTS, BOTH ACUTE AND DELAYED



May produce an allergic reaction.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

N/A

SECTION 5: FIRE FIGHTING MEASURES

5.1 SUITABLE EXTINGUISHING MEDIA

Recommended: Foam or dry powder. For safety reasons do not use full water jet.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Not applicable.

5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

Closed containers may build up pressure at elevated temperatures. Avoid inhalation of fumes or vapors. Use appropriate respiratory protection. Prevent run-off from fire fighting to enter drains or water courses

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

Do NOT smoke and do NOT expose the product to an open flame or to any other potential source of ignition. Wear appropriate gloves to prevent skin exposure. Avoid contact with skin and inhalation of its vapors or smoke. Maintain adequate ventilation in the working area after spilling.

6.2 ENVIRONMENTAL PRECAUTIONS



Avoid contaminating the environment via the sewers or water sources.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Ventilate the area and wash spill site after material pickup is complete. Dispose of it in accordance with current laws and regulations.

6.3 REFERENCE TO OTHER SECTIONS

See also sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Keep away from food, drink and animal feeding stuffs. Do not smoke. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.

7.3 SPECIFIC END USE(S)

Not available.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Declaration of substances is not required.



Spain			
Name of agent	Limit value – 8 hours	Limit value - Short term	Notation
3,7,7-Trimethylbicyclo[4.1.0]hept-3-ene	113 mg/m ³		-
Pin-2(10)-ene	113 mg/m ³		-
Pin-2(3)-ene	113 mg/m ³		-

8.2 EXPOSURE CONTROLS

PERSONAL PROTECTION EQUIPMENT

Use personal protection equipment according to Directive 89/686/EEC.

ENGINEERING CONTROLS-VENTILATION

The areas where the product is handled and stored should be adequately ventilated

RESPIRATORY

Use personal breathing apparatus whenever deemed necessary.

SKIN PROTECTION

Avoid contact with skin. Compatible chemical-resistant gloves are recommended.

Wash contaminated gloves before reuse.

EYE/FACE PROTECTION

Chemical safety goggles are recommended. Wash contaminated goggle before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : Liquid



ODOR	:	Spicy, Nutmeg, Terpenic
COLOR	:	Clear to Pale Yellow
FLASH POINT	:	> 100 °C
RELATIVE DENSITY	:	0.883 g/cm ³ at 40 ° C

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

Not available.

10.2 CHEMICAL STABILITY

Stable under normal operating conditions

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions

10.4 CONDITIONS TO AVOID

Heat, flames, and other sources of ignition. No special precautions other than good housekeeping of chemicals.

10.5 INCOMPATIBLE MATERIALS

Oxidizing mineral acids, strong reducing agents, strong oxidizing agents

10.6 DECOMPOSITION

Carbon monoxide and unidentified organic compounds may be formed during combustion.

SECTION 11: TOXILIGICAL INFORMATION



ACUTE TOXICITY

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

SKIN IRRITATION/CORROSION

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

SERIOUS EYE IRRITATION/DAMAGE

This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.

RESPIRATORY OR SKIN SENSITIZATION

This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.

GERM CELL MUTAGENICITY

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

CARCINOGENICITY

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

REPRODUCTIVE TOXICITY

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

STOT-SINGLE EXPOSURE

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

STOT-REPEATED EXPOSURE

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.



ASPIRATION TOXICITY

This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.

SECTION 12: ECOLOGICAL INFORMATION

12.1 ACUTE AQUATIC TOXICITY: Not determined

12.2 PERSISTENCE AND DEGRADABILITY: N/A

12.3 BIOCONCENTRATION FACTOR: Not determined

12.4 MOBILITY IN SOIL: N/A

12.5 RESULTS OF PBT AND vPvB ASSESSMENT: Not determined

12.6 OTHER ADVERSE EFFECTS: Do not allow the material to enter streams, sewers, or other waterways

SECTION 13: DISPOSAL CONSIDERATION

13.1 WASTE TREATMENT METHODS

Container disposal: Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralize. Empty residue into a suitable disposal site.

Disposal conditions: Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

SECTION 14: TRANSPORT INFORMATION

14.1 INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR)



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UN NUMBER : UN1993
PROPER SHIPPING NAME : FLAMMABLE LIQUID, N.O.S. (Contains Myristica fragrans, oil)
PACKING GROUP : III
CLASS : 3
TUNNEL RESTRICTION CODE : (D/E)
LABEL :



14.2 SEA TRANSPORT (IMDG)


UN NUMBER : UN1993
PROPER SHIPPING NAME : FLAMMABLE LIQUID, N.O.S. (Contains Myristica fragrans, oil)
PACKING GROUP : III
CLASS : 3
MARINE POLLUTANT : Yes
LABEL :




14.3 AIR TRANSPORT (ICAO/IATA)



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UN NUMBER : UN1993

PROPER SHIPPING NAME : FLAMMABLE LIQUID, N.O.S. (Contains Myristica fragrans, oil)

PACKING GROUP : III

CLASS : 3

LABEL :



SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH, AND INFORMATION REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Not available.

15.2 CHEMICAL SAFETY ASSESMENT

Not available.

SECTION 16: DISCLAIMER AND CAUTION

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