



SAFETY DATA SHEET

1. Identification

Product Name: NoblePure™ Clove Leaf Essential Oil

Recommended use of chemical and restrictions on use: Cosmetic formulations

Chemical family: Syzygium aromaticum (Linnaeus) Merr. et Perry

Name and address of the supplier: Noble Roots, LLC
2408 Tech Center Parkway Suite 150
Lawrenceville, GA, US 30043

Supplier's telephone number: 678-897-4758

24 Hr. Emergency telephone number: (800) 424-9300 (CHEMTREC)

2. Hazard(s) Identification

CLASSIFICATION ACCORDING TO GHS REGULATION :

Health Hazards : AH 1,ATD 5,ATO 5,EDI 2A,SCI 3,SS 1

Environmental Hazards : EH-A 2



Words of Warning:

DANGER

Particular Risks:

H303 May be harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H313 May be harmful in contact with skin.
H316 Causes mild skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H401 Toxic to aquatic life.

Precautionary Statement(s) Prevention:

P261 Avoid breathing dust, fume, gas, mist, vapors, spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.



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Revision Date: 00/00/0000

Precautionary Statement(s) Response:

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.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER or doctor/physician.
 P312 Call a POISON CENTER or doctor if you feel unwell.
 P321 Specific treatment.
 P331 Do NOT induce vomiting.
 P332+P313 If skin irritation occurs: Get medical advice.
 P333+P313 If skin irritation or rash occurs: Get medical advice.
 P363 Wash contaminated clothing before reuse.

Precautionary Statement(s) Storage:

P405 Store locked up.

Precautionary Statement(s) Disposal:

P501 Dispose of contents and/or container in accordance with local, regional, national and/or international regulation.

PARTICULAR MENTION :

Not available.

OTHERS :

Not available.

LIMITS OF EXPOSURE :

Not available.

Labelling for acute toxicity based on test data

3. Composition/Information on Ingredients

INGREDIENT CONTRIBUTING TO THE HAZARD

CONTENT

Eugenol (CAS : 97-53-0)

1999/45/CE : Xi;R36;R43;S24;S26;S37

GHS : ATO 5 (2,300), EDI 2A, EH-A 2, SCI 3, SS 1

<92%

Caryophyllene (CAS : 87-44-5)

1999/45/CE : Xn;R65;S62

GHS : AH 1, SCI 3

<17%

Eugenyl acetate (CAS : 93-28-7)

1999/45/CE : XN;R22;

GHS : ATO 4 (1,670), SCI 3

<1%

Methyl eugenol (CAS : 93-15-2)

1999/45/CE : N;Xn;R22;R40;R51/53;R68;S36;S61

GHS : ATO 4 (810), CAR 2, EH-A 2, MUT 2

<0.1%

Labelling for acute toxicity based on test data

4. First Aid Measures

Ingestion:

Do not try to vomit. Rinse mouth. Consult a doctor.

Inhalation:

Remove victim to fresh air



Skin Contact: Sprinkle abundantly with water during at least 15 minutes.

Eye Contact: Wash immediately and abundantly the eyes with a good running water at low pressure. Consult an ophthalmologist.

5. Firefighting Measures

EXTINGUISHING MEDIA : *SUITABLE:* CO2 foam, dry chemical.
NON SUITABLE : Water.

SPECIFIC METHODS OF FIRE FIGHTING : None.

SPECIAL EQUIPMENT FOR THE PROTECTION OF FIRE FIGHTERS : No.

6. Accidental Release Measures

Personal precautions: Avoid all contact with eyes and mucous.

Environmental precautions: Don't throw it in sewer nor in natural environment.

Methods for cleaning up: Recover in a tight container.
Wash with plenty of water after complete elimination of the product.

7. Handling and Storage

Handling: Avoid contact with eyes and mucous.

Storage: Keep away from humidity in a fresh place. Keep container closed after using.

Other: See Section 8.

8. Exposure Controls/Personal Protection

RESPIRATORY PROTECTION : Assure a good ventilation of work place.

HAND PROTECTION : Plastic or synthetic rubber impermeable gloves.

EYE PROTECTION : Goggles giving complete protection to eyes. Eyewash bottle with clean water.

SKIN AND BODY PROTECTION : Clothes for chemical protection to avoid contact.

INGESTION : Do not eat, drink and smoke while using

INDUSTRIAL HYGIENE : Provide an extraction or global ventilation of the work place to reduce concentrations of the steams.



9. Physical and Chemical Properties

Form:	Liquid
Color:	Almost colorless to pale yellow or brownish
Odor:	Strong spicy clove woody pleasant odor.
Odor Threshold:	Data not found
pH	Data not found
Melting Point:	Data not found
Boiling Point:	251 °C / 483.8 °F
Flash Point (closed cup):	> 100 °C / > 212 °F
Evaporation Rate:	Data not found
Flammability:	Data not found
Explosive Limits:	Data not found
Vapor Pressure:	Data not found
Vapor Density:	Data not found
Specific Gravity:	1.06
Solubility in Water:	Insoluble
Log K (n-Octanol/Water):	Data not found
Auto-ignition Temp:	Data not found
Decomposition Temp:	Data not found
Viscosity:	Data not found
Explosive Properties:	Data not found
Oxidizing Properties:	Data not found
Other Data:	Data not found

10. Stability and Reactivity

Reactivity:	No data available.
Chemical Stability:	No data available.
Possibility of Hazardous Reactions:	None in normal conditions.
Conditions to Avoid:	Excessive heat.



Incompatible Materials: Strongly oxidizing and reducing agents.

Hazardous Decomposition Products: None in normal conditions.

Others: None.

11. Toxicological Information

INGESTION : Acute toxicity, oral
DL50 (mg/Kg) : 2,650

SKIN CONTACT: Acute toxicity, dermal
DL50 (mg/Kg) : 2,500

EYE CONTACT : Serious eye damage/eye irritation

INHALATION : No specific hazard in normal use.

ASPIRATION : Aspiration hazard

SPECIFIC EFFECTS : No information available.

12. Ecological Information

Toxicity See Section 2

Persistence and degradability No information available.

Bioaccumulation potential No information available.

Mobility in soil No information available.

WGK: 2

Results of PBT and vPvB assessment No information available.

Other adverse effects Not known.

13. Disposal Considerations

To comply with the regulations and prefectural orders in use.
Throwing out forbidden. Packaging must be well emptied

14. Transportation Information

RID / ADR Not Classified



IMCO / IMDG Not Classified
OACI / IATA Not Classified
**Labelling according to
RID / ADR, IMCO / IMDG,
OACI / IATA** No label for transport

15. Regulatory Information

LABELLING ACCORDING TO GHS REGULATION :

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P331 Do NOT induce vomiting.

Precautionary Statement(s) Disposal:

P501 Dispose of contents and/or container in accordance with local, regional, national and/or international regulation.
Not available.

PARTICULAR MENTION :

OTHERS :

Not available.

LIMITS OF EXPOSURE :

Not available.

Labelling for acute toxicity based on test data

OTHER CLASSIFICATIONS:

DOT CLASSIFICATION

NFPA CLASSIFICATION



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Health	1
Flammability	2
Reactivity	0
Personal Protection	0
NIOSH :	Not available
THRESHOLD LIMIT VALUE - TLV :	Not available
OSHA PERMISSIBLE EXPOSURE LIMIT - PEL :	Not available
IAS THE SUBSTANCE BEEN LISTED AS CARCINOGEN :	Not available
SARA 313 :	Not available

16. Other Information

OTHER INVENTORIES

Country	Nom Inventaire	Datas	Number
Australia	AICS	Listé	
Europe	COE	Listé	188n
Canada	DSL	Listé	
Taiwan	ECN	Listé	
Japan	ENCS	Listé	
USA	FDA	Listé	184.1257
China	IESC	Listé	6527
Japan	ISHL	Listé	18007
South Korea	KECI	Listé	KE-26792
New Zealand	NZIoC	Listé	
The Philippines	PICCS	Listé	
USA	TSCA	Listé	

The content and format of this safety data sheet are in accordance with EC Regulation No. 1907/2006 of the European Parliament and Council

Respect safety measures usually applied during the production of perfumery products.

This data sheet completes the technical use notice, but doesn't replace it. These information are based on our actual knowledge for the above mentioned product at the edition date of this data sheet. They are given in good faith.

In any case user is not exempted to know and apply all texts which regulate this activity. He will take under his own responsibility the precautions for the utilization of product he knows. Users should be aware of the other purposes than

Those for which it is concerned.