

## Safety Data Sheet

# AMBRETTE SEED ESSENTIAL OIL



According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2020/878)

Version:1  
Version date:28/10/2021  
Language:EN

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Substance name : Hibiscus abelmoschus, ext.  
CAS No : 84455-19-6  
Trade name/designation : AMBRETTE SEED ESSENTIAL OIL

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses : Fragrance for consumer product.

### 1.3. Details of the supplier of the safety data sheet

Supplier : Name: Hermitage Oils srl  
Street: Località Petrognano 14, 52100 Arezzo (AR)  
Country: Italy  
Telephone: +39 (0) 575 362831  
E-mail: info@hermitageoils.com

### 1.4. Emergency Telephone Number

Italy: Bergamo: +39 (0) 800 883 300, Florence: +39 (0) 55 794 7819, Foggia: +39 (0) 881 732 326, Genoa: +39 (0) 10 563 62 45, Milan: + 39 (0) 02 6610 1029, Padua: +39 (0) 49 827 50 78, Pavia: +39 (0) 38 224 444, Rome: +39 (0) 06 305 43 43, Turin: +39 (0) 011 663 7637

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### Hazards identification

Classification	Hazard statements (H)
Skin Sens. 1	H317 May cause an allergic skin reaction.
Aquatic Chronic 2	H411 Toxic to aquatic life with long lasting effects.

### 2.2. Label elements

#### Labelling

Hazard pictograms



Signal word

Warning

Product identifiers

-

Hazard Statements

H317 - May cause an allergic skin reaction.  
H411 - Toxic to aquatic life with long lasting effects.

Supplemental Hazard information (EU)	-
Precautionary Statements - General	-
Precautionary Statements - Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P273 - Avoid release to the environment.
Precautionary Statements - Response	P280 - Wear protective gloves/protective clothing/eye protection/face protection. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P391 - Collect spillage.
Precautionary Statements - Storage	-
Precautionary Statements - Disposal	-

Contains: farnesol, 3,7,11-trimethyldodeca-1,6,10-trien-3-ol,mixed isomers, farnesal

### 2.3. Other hazards

Not available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not available

### 3.2. Mixtures

The substance does not contain any substances classified as Substances of Very High Concern (SVHC) by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>.

Substance	C (%)	Classification	Specific concentration limits	Note
farnesol CAS N°:4602-84-0 EC N°:225-004-1 IDX N°:	2.5% ≤C< 10.0%	H315: Causes skin irritation. H317: May cause an allergic skin reaction. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.	M=1	-
farnesal CAS N°:19317-11-4 EC N°:242-957-9 IDX N°:	0.1% ≤C< 1.0%	H315: Causes skin irritation. H317: May cause an allergic skin reaction.	-	-
3,7,11-trimethyldodeca-1,6,10-trien-3-ol,mixed isomers CAS N°:7212-44-4 EC N°:230-597-5 IDX N°:	0.25% ≤C< 1.0%	H317: May cause an allergic skin reaction. H319: Causes serious eye irritation H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.	M=1M(Chronic)=1	-
dodecan-1-ol CAS N°:112-53-8 EC N°:203-982-0 IDX N°:	0.1% ≤C< 0.25%	H319: Causes serious eye irritation H400: Very toxic to aquatic life. H411: Toxic to aquatic life with long lasting effects.	-	-

### 3.3. Remark

Text phrases and H- EUH-: see section 16.  
Natural product.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

General information	:	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered.
Following inhalation	:	Remove person to fresh air and keep comfortable for breathing.
Following skin contact	:	Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Take off contaminated clothing. In case of skin reactions, consult a physician.
Following eye contact	:	In case of eye irritation consult an ophthalmologist. Rinse immediately carefully and thoroughly with eye-bath or water.
Following ingestion	:	Never give anything by mouth to an unconscious person or a person with cramps. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Self-protection of the first aider	:	First aider: Pay attention to self-protection!.

### 4.2. Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

### 4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	:	Treat symptomatically.
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## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Suitable extinguishing media	:	Carbondioxide, dry chemical, foam.
Unsuitable extinguishing media	:	Do not use a direct waterjet on burning material.

### 5.2. Special hazards arising from the substance or mixture

- Water may be ineffective.

### 5.3. Advice for firefighters

- Standard procedure for chemical fires.

### 5.4. Additional information

Not available

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

- Use personal protection equipment.
- Remove persons to safety.

### 6.2. Environmental precautions

- Ensure that waste is collected and contained.
- In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
- Avoid release to the environment.
- Cover drains.

- Ensure all waste water is collected and treated via a waste water treatment plant.
- Do not allow to enter into soil/subsoil.
- Do not allow to enter into surface water or drains.
- Retain contaminated washing water and dispose it.
- Contain leaks or spills within cabinets with removable trays.

### 6.3. Methods and material for containment and cleaning up

- Treat the recovered material as prescribed in the section on waste disposal.
- Collect in closed and suitable containers for disposal.
- Clean contaminated objects and areas thoroughly observing environmental regulations.
- Collect spillage.
- Absorb with liquid-binding material ( e.g. sand, diatomaceous earth, acid- or universal binding agents).
- Wipe up with absorbent material (eg. cloth, fleece).

### 6.4. Reference to other sections

- Safe handling: see section 7.
- Disposal: see section 13.
- Personal protection equipment: see section 8.

### 6.5. Additional information

Not available

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

#### PROTECTIVE MEASURES

- Avoid contact with skin, eyes and clothes.
- Wear personal protective clothing (see section 8).
- Sewers and ducts must be protected against the entry of the product.
- Do not put any product-impregnated cleaning rags into your trouser pockets.
- Provide for retaining containers, eg. floor pan without outflow.
- Avoid breathing gas/fumes/vapour/spray.

#### Advices on general occupational hygiene

- Wash hands before breaks and after work.
- Street clothing should be stored separately from work clothing.
- Wash contaminated clothing before reuse.
- Remove contaminated, saturated clothing immediately.

### 7.2. Conditions for safe storage, including any incompatibilities

- Keep container tightly closed in a dry, cool, and well-ventilated place.
- Keep container in upright position in order to prevent leakage.

#### Requirements for storage rooms and vessels

- Use isolated drainage to prevent discharge to soil.

#### Advice on joint storage

- Keep away from food, drink and animal feedingstuffs.

### 7.3. Specific end uses

- Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1. Control parameters

Does not contain substances above concentration limits fixing an occupational exposure limit.  
Not available

## 8.2. Exposure controls

### Appropriate engineering controls

Where appropriate, use closed systems to transfer and process this material.  
If appropriate, isolate mixing rooms and other areas where this material is used or openly handled.  
Maintain these areas under negative air pressure relative to the rest of the plant.

### Personal protection equipment



Eye/face protection	:	Suitable eye protection: No data available
Skin protection	:	<p><b>Hand protection:</b></p> <ul style="list-style-type: none"> <li>- Wear protective gloves.</li> <li>- Nitrile rubber.</li> <li>- &gt; 60 min</li> <li>- &gt; 10 min</li> <li>- 0.38 mm</li> <li>- 0.1 mm</li> <li>- Avoid skin contact. Use chemically resistant gloves.</li> <li>- The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.</li> <li>- Be aware that in daily use the durability of a chemical resistant protective glove can be notably shorter than the break through time measured according to EN 374, due to the numerous outside influences (e.g. temperature).</li> <li>- Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.</li> <li>- The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.</li> </ul> <p><b>Body protection:</b></p> <ul style="list-style-type: none"> <li>- To the extent deemed appropriate, implement pre-placement and regularly scheduled ascertainment of symptoms and spirometry testing of lung function for workers who are regularly exposed to this material.</li> <li>- To the extent deemed appropriate, use an experienced air sampling expert to identify and measure volatile chemicals that could be present in the workplace air to determine potential exposures and to ensure the continuing effectiveness of engineering controls and operational practices to minimize exposure.</li> </ul>
Respiratory protection	:	<p><b>Respiratory protection necessary at:</b></p> <ul style="list-style-type: none"> <li>- Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures.</li> <li>- No respiratory protection is required during normal operations in a workplace where engineering controls such as adequate ventilation, etc. are sufficient.</li> </ul> <p><b>Remark:</b></p> <ul style="list-style-type: none"> <li>- Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures.</li> <li>- No respiratory protection is required during normal operations in a workplace where engineering controls such as adequate ventilation, etc. are sufficient.</li> </ul>

- If engineering controls and safe work practices are not sufficient, an approved, properly fitted respirator with organic vapor cartridges or canisters and particulate filters should be used:
  - a) while engineering controls and appropriate safe work practices and/or procedures are being implemented; or
  - b) during short term maintenance procedures when engineering controls are not in normal operation or are not sufficient; or
  - c) if normal operational workplace vapor concentration in the air is increased due to heat ;
  - d) during emergencies; or
  - e) if engineering controls and operational practices are not sufficient to reduce airborne concentrations below an established occupational exposure limit.

### 8.3. Additional information

Not available

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Pale Yellow.
Odour:	Conforms To Standard
Odour threshold:	Not available
pH:	Not available
Melting point/freezing point:	Not available
Initial boiling point and boiling range:	Not available
Flash point:	85°C
Evaporation rate:	Not available
Flammability:	Not available
Upper/lower flammability or explosive limits:	Not available
Vapour pressure:	0,01 Hpa Calculated
Vapour density:	Not available
Relative density:	0.897 - 0.927
Solubility(ies):	Not available
Partition coefficient: n-octanol/water (Log KOC):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available
Explosive properties:	Not available
Oxidising properties:	Not available

### 9.2. Other safety information

Not available

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No hazards to be specially mentioned.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Presents no significant reactivity hazard, by itself or in contact with water.  
Avoid contact with strong acids, alkali or oxidizing agents.

### 10.4. Conditions to avoid

Direct sources of heat.

### 10.5. Incompatible materials

Materials to avoid : Avoid contact with strong acids, alkali or oxidizing agents.

### 10.6. Hazardous decomposition products

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

### 10.7. Additional information

Not available

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Acute oral toxicity

#### Data for mixture

Species : Rat  
Sex : Not available  
Guideline : Not available

Subendpoint	Operator	Value	Unit
LD50:	=	5000	mg/kg bw

Conclusion : Not available

#### Substances

The product is not classified.

### 11.2. Acute skin toxicity

#### Data for mixture

Not available

#### Substances

The product is not classified.

### 11.3. Acute inhalation toxicity

#### Data for mixture

Not available

#### Substances

The product is not classified.

### 11.4. Skin corrosion

#### Data for mixture

Not available

#### Substances

Skin sensitisation: May cause an allergic skin reaction.

### 11.5. Eye damage

#### Data for mixture

Not available

#### Substances

The product is not classified.

**11.6. Skin sensitisation****Data for mixture**

Not available

**Substances**

The product is classified Skin Sens. 1 according to the referenced regulation.  
May cause an allergic skin reaction.

**11.7. STOT SE****Data for mixture**

Not available

**Substances**

The product is not classified.

**11.8. STOT RE****Data for mixture**

Not available

**Substances**

The product is not classified.

**11.9. Carcinogenicity****Data for mixture**

Not available

**Substances**

The product is not classified.

**11.10. Reproductive and Developmental Toxicity****Data for mixture**

Not available

**Substances**

The product is not classified.

**11.11. In vitro genotoxicity****Data for mixture**

Not available

**Substances**

The product is not classified.

**11.12. Respiratory sensitisation****Data for mixture**

Not available

**Substances**

The product is not classified.

**11.13. Additional information**

Not available

**Serious eye damage/irritation**

Not available

**SECTION 12: ECOLOGICAL INFORMATION**



### 12.1. Toxicity

Toxic to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

The product has not been tested.

### 12.3. Bioaccumulative potential

The product has not been tested.

### 12.4. Mobility in soil

The product has not been tested.

### 12.5. Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6. Other adverse effects

There is no data available for this product.

### 12.7. Additional ecotoxicological information

Not available

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Product/Packaging disposal

#### Waste codes/waste designations according to EWC/AVV

- The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

#### Waste treatment options





- Waste requiring special supervision.
- Dispose of waste according to applicable legislation.
- Delivery to an approved waste disposal company.
- Non-contaminated packages must be recycled or disposed of.
- Contaminated packing must be completely emptied and can be reused after proper cleaning.
- Packing which cannot be properly cleaned must be disposed of.
- Handle contaminated packages in the same way as the substance itself.
- Dispose of waste according to applicable legislation.

#### Remark

- For recycling, contact manufacturer.
- Collect the waste separately.
- Consult the appropriate authorities about waste disposal.
- Do not mix with other wastes.
- The waste is to be kept separate from other types of waste until its disposal.
- Concerning the waste it has to be checked, whether a transport authorisation is required.

## SECTION 14: TRANSPORT INFORMATION

	Land transport (ADR/RID)	Inland waterway transport (ADN)	Sea transport (IMDG)	Air transport (ICAO- TI/IATA-DGR)
14.1. UN number	3082	3082	3082	3082
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS	ENVIRONMENTALLY HAZARDOUS	ENVIRONMENTALLY HAZARDOUS	ENVIRONMENTALLY HAZARDOUS

	SUBSTANCE, LIQUID, NOS	SUBSTANCE, LIQUID, NOS	SUBSTANCE, LIQUID, NOS	SUBSTANCE, LIQUID, NOS
<b>14.3. Transport hazard class(es)</b>				
Class or Division	9	9	9	9
Hazard label(s)				
<b>14.4. Packing group</b>	III	III	III	III

### 14.5. Environmental hazards

Not available

### 14.6. Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### 14.8. Additional information

Not available

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

This SDS has been established in accordance with REACH regulation, including its amendments: REACH Regulation (EC) No 1907/2006.

This SDS has been established in accordance with CLP regulation, including its amendments: CLP Regulation EC No. 1272/2008.

#### EU legislation

**Regulation:** Directive n°648/2004 (Allergenic fragrance ingredients N°1223/2009)

Substance	CAS	EC
farnesol	4602-84-0	225-004-1

### 15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

For this substance/mixture a chemical safety assessment has been elaborated.

For this mixture, the relevant data of the Substances' Chemical safety assessment are integrated in the sections of the SDS.

### 15.3. Additional information

Not available

## SECTION 16: OTHER INFORMATION

Creation date: 28/10/2021

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### 16.1. Indication of changes

Not applicable (first edition of the MSDS).

### 16.2. Abbreviations and acronyms

CAS: Chemical Abstract Service Number.

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods Code.

DPD Dangerous Preparation Directive.

UN number: United Nations number.

No EC: European Commission Number.

ADN/ADNR: Regulations concerning the transport of dangerous substances in barges on the waterways.

ADR/RID: European Agreement concerning the International Carriage of Dangerous Goods by Road/Regulations concerning the international carriage of dangerous goods by rail.

CLP: Classification, labeling and packaging.

VPvB: very persistent and very bioaccumulative substances.

### 16.3. Key literature references and sources for data

No data available.

### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.

### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

H315	Skin Irrit. 2	Causes skin irritation.
H317	Skin Sens. 1	May cause an allergic skin reaction.
H319	Eye Irrit. 2	Causes serious eye irritation
H400	Aquatic Acute 1	Very toxic to aquatic life.
H410	Aquatic Chronic 1	Very toxic to aquatic life with long lasting effects.
H411	Aquatic Chronic 2	Toxic to aquatic life with long lasting effects.

### 16.6. Training advice

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

### 16.7. Additional information

Not available

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.