

Safety Data Sheet

AMBRETTOLIDE NATURAL ISOLATE

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

Version:1
Version date:23/09/2021
Language:EN

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1. Product identifier**

Trade name/designation : AMBRETTOLIDE NATURAL ISOLATE

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

Relevant identified uses : Aromatic ingredient - for manufacturing use only, not for direct consumption as such.

1.3. Details of the supplier of the safety data sheet

Supplier : Name: Hermitage Oils
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. |

2.2. Label elements

Labelling

| | |
|---------------------------------------|--|
| Hazard pictograms |  |
| Signal word | Warning |
| Product identifiers | - |
| Hazard Statements | H317 - May cause an allergic skin reaction. |
| Supplemental Hazard information (EU) | - |
| Precautionary Statements - General | - |
| Precautionary Statements - Prevention | P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves/protective clothing/eye protection/face protection. |
| Precautionary Statements - Response | P302+P352 - IF ON SKIN: Wash with plenty of water/... |

Precautionary Statements - Storage
 Precautionary Statements - Disposal

P321 - Specific treatment (see ... on this label).
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
 P363 - Wash contaminated clothing before reuse.
 -
 P501 - Dispose of contents/container to a collection of special or hazardous waste.

Contains: farnesol

2.3. Other hazards

Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

| Substance | C (%) | Classification | Specific concentration limits | Note |
|--|------------------|--|-------------------------------|------|
| farnesol CAS N°:4602-84-0 EC N°:225-004-1 IDX N°: | 1.0% ≤C≤ 5.0% | H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation | - | - |

The mixture 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.eu/fr/candidate-liste-table>

3.3. Remark

Not available

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. Keep affected person warm, still and covered. |
| Following inhalation | : | Remove person to fresh air and keep comfortable for breathing. |
| Following skin contact | : | After contact with skin, wash immediately with plenty of water and soap. Take off contaminated clothing. |
| 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.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

- Suitable extinguishing media : Carbondioxide, dry chemical or foam.
Unsuitable extinguishing media : Direct water.

5.2. Special hazards arising from the substance or mixture

Not available

5.3. Advice for firefighters

- Cool down other threatened recipients with pulverized water.
- Do not inhale fire fumes or gases (CO, CO₂, organic products).

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.
- 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.
- 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).
- Avoid breathing gas/fumes/vapour/spray.

Advices on general occupational hygiene

- Wash hands before breaks and after work.
- Remove contaminated, saturated clothing.

- Street clothing should be stored separately from work clothing.
- Wash contaminated clothing before reuse.

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.

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

Not available

8.2. Exposure controls

Appropriate engineering controls

Not available

Personal protection equipment



| | | |
|------------------------|---|--|
| Eye/face protection | : | Suitable eye protection: To avoid eye and mucous membrane projection and according to the working area organization wearing eye glasses is recommended . |
| Skin protection | : | Hand protection: Wear protective gloves. |
| Respiratory protection | : | Respiratory protection necessary at: Avoid excessive inhalation of concentrated vapors. |

8.3. Additional information

Do not re-use empty containers : Quickly get clear of sponges, wovens, ... etc, used to sponge the product. Keep away from food and drink.
Hygien and safety at work : adapted personal protective equipment is advised.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | |
|---|----------------------------------|
| Physical state: | Liquid |
| Colour: | Colourless To Pale Yellow Liquid |
| Odour: | Musky, Oily, Characteristic |
| Odour threshold: | Not available |
| pH: | Not available |
| Melting point/freezing point: | Not available |
| Initial boiling point and boiling range: | Not available |
| Flash point: | >100°C |
| Evaporation rate: | Not available |
| Flammability: | Not available |
| Upper/lower flammability or explosive limits: | Not available |
| Vapour pressure: | Not available |
| Vapour density: | 0.01mmHg |

| | |
|---|---------------|
| Relative density: | Not available |
| 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

Specific Gravity (+20°C): 0.900 to 0.930.

Solubility : ethanol/oil/solvents.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

This product presents no significant reactivity hazard.

10.2. Chemical stability

It is stable and will not react violently with water.

10.3. Possibility of hazardous reactions

Hazardous reaction will not occur if using conditions and prescriptions are followed.

10.4. Conditions to avoid

Avoid contact or contamination with strong acids, alkalis, or oxidizing agents.

10.5. Incompatible materials

Not relevant.

10.6. Hazardous decomposition products

No decomposition product if storage and handling conditions are followed.

10.7. Additional information

Not available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Acute oral toxicity

Data for mixture

The product is not classified.

Substances

Not available

11.2. Acute skin toxicity

Data for mixture

The product is not classified.

Substances

Not available

11.3. Acute inhalation toxicity

Data for mixture

The product is not classified.

Substances

Not available

11.4. Skin corrosion

Data for mixture

The product is not classified.

Substances

Not available

11.5. Eye damage

Data for mixture

The product is not classified.

Substances

Not available

11.6. Skin sensitisation

Data for mixture

The product is classified Skin Sens. 1 according to the referenced regulation.

May cause an allergic skin reaction.

Substances

Not available

11.7. STOT SE

Data for mixture

The product is not classified.

Substances

Not available

11.8. STOT RE

Data for mixture

The product is not classified.

Substances

Not available

11.9. Carcinogenicity

Data for mixture

The product is not classified.

Substances

Not available

11.10. Reproductive and Developmental Toxicity

Data for mixture

The product is not classified.

Substances

Not available

11.11. In vitro genotoxicity

Data for mixture

The product is not classified.

Substances

Not available

11.12. Respiratory sensitisation

Data for mixture

The product is not classified.

Substances

Not available

11.13. Additional information

Not available

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Based on available data, the classification criteria are not met.

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

No data available.

12.6. Other adverse effects

No data available.

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

14.1. UN number

Not available

14.2. UN proper shipping name

Not available

14.3. Transport hazard class(es)

No label required.

14.4. Packing group

Not available

14.5. Environmental hazards

Not available

14.6. Special precautions for user

Not available

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

Not available

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: 23/09/2021

Version date: 23/09/2021

Printing date: 08/10/2021

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 |

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.