

Safety Data Sheet

BENZOIN ABSOLUTE

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

Version:1
Version date:27/09/2021
Language:EN

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

Trade name/designation : BENZOIN ABSOLUTE

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

Relevant identified uses : Flavours, Fragrances.

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

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. 1B	H317 May cause an allergic skin reaction.
Eye Irrit. 2	H319 Causes serious eye irritation
STOT RE 2	H373 May cause damage to organs through prolonged or repeated exposure
Aquatic Chronic 3	H412 Harmful 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.
H319 - Causes serious eye irritation
H373 - May cause damage to organs through prolonged or repeated exposure
H412 - Harmful to aquatic life with long lasting effects

Supplemental Hazard information (EU)

-

Precautionary Statements - General	-
Precautionary Statements - Prevention	P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash ... 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.
Precautionary Statements - Response	P302+P352 - IF ON SKIN: Wash with plenty of 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. P314 - Get medical advice/attention if you feel unwell. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P363 - Wash contaminated clothing before reuse.
Precautionary Statements - Storage	-
Precautionary Statements - Disposal	-

Contains: isoeugenol

2.3. Other hazards

Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Substance	C (%)	Classification	Specific concentration limits	Note
benzyl benzoate CAS N°:120-51-4 EC N°:204-402-9 IDX N°:607-085-00-9	C≤ 5.0%	H302: Harmful if swallowed H400: Very toxic to aquatic life. H411: Toxic to aquatic life with long lasting effects.	-	-
vanillin CAS N°:121-33-5 EC N°:204-465-2 IDX N°:	C≤ 5.0%	H319: Causes serious eye irritation	-	-
3,7,11-trimethyldodeca-1,6,10-trien-3-ol, mixed isomers CAS N°:7212-44-4 EC N°:230-597-5 IDX N°:	C≤ 1.0%	H319: Causes serious eye irritation H410: Very toxic to aquatic life with long lasting effects.	-	-
2-Propenoic acid, 3-phenyl-, phenylmethyl ester CAS N°:103-41-3 EC N°:203-109-3 IDX N°:607-133-00-9	C≤ 1.0%	H317: May cause an allergic skin reaction. H411: Toxic to aquatic life with long lasting effects.	-	-
farnesol CAS N°:4602-84-0 EC N°:225-004-1 IDX N°:	C≤ 0.75%	H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation	-	-
isoeugenol CAS N°:97-54-1 EC N°:202-590-7 IDX N°:604-094-00-X	C≤ 0.05%	H317: May cause an allergic skin reaction.	Skin Sens. 1A; H317: C ≥ 0,01 %	-

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.europa.eu/fr/candidate-list-table>

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. 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. Change contaminated, saturated clothing.
Following eye contact	:	In case of eye irritation consult an ophthalmologist. Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing.
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	:	Carbon dioxide, dry chemical, foam.
------------------------------	---	-------------------------------------

5.2. Special hazards arising from the substance or mixture

- In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3. Advice for firefighters

- In case of insufficient ventilation, wear suitable respiratory equipment.

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.

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.

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.
- Provide for retaining containers, eg. floor pan without outflow.
- Avoid breathing dust.

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.

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

Not available

8.2. Exposure controls

Appropriate engineering controls

Not available

Personal protection equipment



Eye/face protection

Respiratory protection

: Suitable eye protection: Wear protective gloves/eye protection/face protection.

: **Suitable respiratory protection apparatus:**

- Under normal conditions of use and where adequate ventilation is available to prevent build-up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel:
 - a) Increase ventilation of the area with local exhaust ventilation.
 - b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters.
 - c) Use closed systems for transferring and processing this material. Also refer to Sections 2 and 7.

8.3. Additional information

Not available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	Solid
Colour:	Not available
Odour:	Sweet Balsamic
Odour threshold:	Not available
pH:	Not determined
Melting point/freezing point:	Not available
Initial boiling point and boiling range:	Not determined.
Flash point:	>100°C
Evaporation rate:	Not available
Flammability:	Not available
Upper/lower flammability or explosive limits:	Not available
Vapour pressure:	Not Determined
Vapour density:	Not available
Relative density:	Not Determined
Solubility(ies):	Insoluble.
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

Appearance: Brown to dark brown red solid.
None available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Presents no significant reactivity hazard, by itself or in contact with water.

10.2. Chemical stability

Good stability under normal storage conditions.

10.3. Possibility of hazardous reactions

Not expected under normal conditions of use.

10.4. Conditions to avoid

Avoid extreme heat.

10.5. Incompatible materials

Avoid contact with strong acids, alkalis or oxidising agents.

10.6. Hazardous decomposition products

Not expected.

10.7. Additional information

Not available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Acute oral toxicity

Data for mixture

Species : Not available
Sex : Not available
Guideline : Not available

Subendpoint	Operator	Value	Unit
Assumed Toxicity Value (LD50 or ATE)	=	18326.27	-

Conclusion : Not available

Substances

Not available

11.2. Acute skin toxicity

Data for mixture

Species : Not available
Sex : Not available
Guideline : Not available
Exposure duration/value : Not available
Exposure duration/unit : Not available

Subendpoint	Operator	Value	Unit
Assumed Toxicity Value (LD50 or ATE)	=	80000	-

Conclusion : Not available

[Substances](#)

Not available

11.3. Acute inhalation toxicity

[Data for mixture](#)

Not available

[Substances](#)

Not available

11.4. Skin corrosion

[Data for mixture](#)

May cause an allergic skin reaction.

[Substances](#)

Not available

11.5. Eye damage

[Data for mixture](#)

Causes serious eye irritation.

[Substances](#)

Not available

11.6. Skin sensitisation

[Data for mixture](#)

Not available

[Substances](#)

Not available

11.7. STOT SE

[Data for mixture](#)

May cause damage to organs through prolonged or repeated exposure.

[Substances](#)

Not available

11.8. STOT RE

[Data for mixture](#)

Not available

[Substances](#)

Not available

11.9. Carcinogenicity

[Data for mixture](#)

Not available

[Substances](#)

Not available

11.10. Reproductive and Developmental Toxicity

[Data for mixture](#)

Not available

[Substances](#)

Not available

11.11. In vitro genotoxicity

[Data for mixture](#)

Not available

[Substances](#)

Not available

11.12. Respiratory sensitisation

[Data for mixture](#)

Not available

[Substances](#)

Not available

11.13. Additional information

Refer to Section 2 for additional information.

SECTION 12: ECOLOGICAL INFORMATION**12.1. Toxicity**

Harmful 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

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)

Not available

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
2-Propenoic acid, 3-phenyl-, phenylmethyl ester	103-41-3	203-109-3
farnesol	4602-84-0	225-004-1
benzyl benzoate	120-51-4	204-402-9
isoeugenol	97-54-1	202-590-7

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: 27/09/2021
Version date: 27/09/2021
Printing date: 11/10/2021

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)

H302	Acute Tox. 4 ORAL	Harmful if swallowed
H315	Skin Irrit. 2	Causes skin irritation.
H317	Skin Sens. 1B	May cause an allergic skin reaction.
H319	Eye Irrit. 2	Causes serious eye irritation
H373	STOT RE 2	May cause damage to organs through prolonged or repeated exposure
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.
H412	Aquatic Chronic 3	Harmful 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.