

Safety Data Sheet

BENZOIN RESINOID SIAM 50%

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 RESINOID SIAM 50%

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

Relevant identified uses : Ingredient used in Flavour and/or Fragrance preparations.

1.3. Details of the supplier of the safety data sheet

Supplier : Name: Hermitage Oils srl
Postal code/City: 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**

This mixture is not classified as dangerous.

2.2. Label elements**Labelling**

Hazard pictograms	-
Signal word	-
Product identifiers	-
Hazard Statements	-
Supplemental Hazard information (EU)	EUH208 - Contains isoeugenol. May produce an allergic reaction. EUH210 - Safety data sheet available on request.
Precautionary Statements - General	-
Precautionary Statements - Prevention	-
Precautionary Statements - Response	-
Precautionary Statements - Storage	-
Precautionary Statements - Disposal	-

2.3. Other hazards

Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Substance	C (%)	Classification	Specific concentration limits	Note
ethanol CAS N°:64-17-5 EC N°:200-578-6 IDX N°:603-002-00-5	1.0% ≤ C ≤ 3.0%	H225: Highly flammable liquid and vapour. H319: Causes serious eye irritation	Eye Irrit. 2, : C ≥ 50 %	[1]

[1] Substance for which maximum workplace exposure limits are available.

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	:	When in doubt or if symptoms are observed, get medical advice.
Following inhalation	:	No special measures are necessary. Provide fresh air.
Following skin contact	:	Wash with soap and water.
Following eye contact	:	In case of eye irritation consult an ophthalmologist. Rinse immediately carefully and thoroughly with eye-bath or water.
Following ingestion	:	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Self-protection of the first aider	:	No special measures are necessary.

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.
- Use appropriate respiratory protection.
- Provide adequate ventilation.

6.2. Environmental precautions

- Ensure that waste is collected and contained.
- 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.
- 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

- No special measures are necessary.
- Use only in well-ventilated areas.
- If local exhaust ventilation is not possible or not enough, the entire work area must be ventilated by technical means.
- Provide adequate ventilation as well as local exhaustion at critical locations.
- Vapours/aerosols should be exhausted directly at the point of origin.

Advices on general occupational hygiene

- Wash hands before breaks and after work.
- Remove contaminated, saturated clothing.
- Work in well ventilated zones or use proper respiratory protection.

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

- Ensure adequate ventilation of the storage area.

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

Occupational exposure limits

Substance	Value	Unit	Type
ethanol CAS: 64-17-5 (IE)	1,000	ppm	Exposure limit (15 minutes)
ethanol CAS: 64-17-5 (GB)	1,920	mg/m ³	Exposure limit (8 hours)
ethanol CAS: 64-17-5 (GB)	1,000	ppm	Exposure limit (8 hours)

Not available

8.2. Exposure controls

Appropriate engineering controls

Not available

Personal protection equipment



Eye/face protection

- : Suitable eye protection: Use tight-fitting goggles, face shield or safety glasses with sideshields if eye contact might occur.

Skin protection

- : Hand protection: Avoid skin contact. Use chemically resistant gloves.

Respiratory protection

- : **Suitable respiratory protection apparatus:**
 - 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.
 - No respiratory protection is required during normal operations in a workplace where engineering controls such as adequate ventilation, etc. are sufficient.
 - 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

Engineering Measures:

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.

Hygiene measures.

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.

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.

Environmental exposure controls.

General advice : Keep away from drains, surface- and groundwater and soil.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Amber To Brown
Odour:	Conforms To Standard
Odour threshold:	Not Determined
pH:	Not available
Melting point/freezing point:	Not Determined
Initial boiling point and boiling range:	Not available
Flash point:	>100°C
Evaporation rate:	Not Determined
Flammability:	Not Determined
Upper/lower flammability or explosive limits:	Not Determined
Vapour pressure:	0,02 Hpa Calculated
Vapour density:	Not Determined
Relative density:	1.108 - 1.128
Solubility(ies):	Not Determined
Partition coefficient: n-octanol/water (Log KOC):	Not Determined
Auto-ignition temperature:	Not Determined
Decomposition temperature:	Not available
Viscosity:	Not Determined
Explosive properties:	Not available
Oxidising properties:	Not Determined

9.2. Other safety information

PH : not determined.

Boiling point : not determined.

Solubility in other solvents : not determined.

Refractive index : not determined.

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

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

Not available

Substances

Not available

11.2. Acute skin toxicity

Data for mixture

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

No lead substance.

Substances

Not available

11.5. Eye damage

Data for mixture

Not available

Substances

Ethanol : Species: Rabbit.

Result: Eye irritation.

11.6. Skin sensitisation

Data for mixture

No lead substance.

Substances

Not available

11.7. STOT SE

Data for mixture

Information on ingredients with chronic toxicity hazard(s) is available upon request.

Substances

Not available

11.8. STOT RE

Data for mixture

Information on ingredients with chronic toxicity hazard(s) is available upon request.

Substances

Not available

11.9. Carcinogenicity**Data for mixture**

Information on ingredients with chronic toxicity hazard(s) is available upon request.

Substances

Not available

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

Information on ingredients with chronic toxicity hazard(s) is available upon request.

Substances

Not available

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

Information on ingredients with chronic toxicity hazard(s) is available upon request.

Substances

Not available

11.12. Respiratory sensitisation**Data for mixture**

Not available

Substances

Not available

11.13. Additional information

Aspiration hazard.

No test data available. Ingredients with an aspiration hazard are identified in section 3.

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

Not available

12.2. Persistence and degradability

Not available

12.3. Bioaccumulative potential

Not available

12.4. Mobility in soil

Not available

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

Not available

12.7. Additional ecotoxicological information

There is no data available for this product.

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

- Dispose of waste according to applicable legislation.
- 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.
- Dispose of waste according to applicable legislation.

Remark

- For recycling, contact manufacturer.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

The product is not hazardous according to the applicable transport regulations.

14.2. UN proper shipping name

Not regulated.

14.3. Transport hazard class(es)

Not regulated.

14.4. Packing group

Not regulated.

14.5. Environmental hazards

Not regulated.

14.6. Special precautions for user

Not regulated.

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

Not regulated.

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: REACH : Annex XVII (Restrictions)

Substance	CAS	EC
ethanol	64-17-5	200-578-6

15.2. Chemical Safety Assessment

For this substance/mixture a chemical safety assessment is not required.

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

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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)

H225	Flam. Liq. 2	Highly flammable liquid and vapour.
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.