

Safety Data Sheet

BIRCH WHITE ESSENTAIL OIL RECTIFIED

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 : BIRCH WHITE ESSENTAIL OIL RECTIFIED

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

Not available

1.3. Details of the supplier of the safety data sheet

Supplier : Name: Hermitage Oils srl
Street: Località Petrognano 14, 52100 Arezzo (AR)
Country: ITALIE
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)
Carc. 1B	H350 May cause cancer.

2.2. Label elements

Labelling

Hazard pictograms	
Signal word	Danger
Product identifiers	-
Hazard Statements	H350 - May cause cancer.
Supplemental Hazard information (EU)	-
Precautionary Statements - General	-
Precautionary Statements - Prevention	P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P281 - Use personal protective equipment as required.
Precautionary Statements - Response	P308+P313 - IF exposed or concerned: Get medical advice/attention.
Precautionary Statements - Storage	P405 - Store locked up.

Precautionary Statements - Disposal

P501 - Dispose of contents and container in accordance with applicable local regulations.

2.3. Other hazards

Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Substance	C (%)	Classification	Specific concentration limits	Note
benz[a]anthracene CAS N°:56-55-3 EC N°:200-280-6 IDX N°:601-033-00-9	C ≤ 9.6E-4%	H350: May cause cancer. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.	M=100	-
benzo[def]chrysene CAS N°:50-32-8 EC N°:200-028-5 IDX N°:601-032-00-3	C ≤ 4.3E-5%	H317: May cause an allergic skin reaction. H340: May cause genetic defects. H350: May cause cancer. H360: May damage fertility or the unborn child. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.	Carc. 1B; H350: 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>
50-32-8, 200-028-5, benzo[def]chrysene
56-55-3, 200-280-6, benz[a]anthracene

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).
Following inhalation	:	Remove person to fresh air and keep comfortable for breathing.
Following skin contact	:	Wash with soap and water. 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.
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 : Foam.
Extinguishing powder.
Carbon dioxide (CO₂).
Unsuitable extinguishing media : Water with full jet.

5.2. Special hazards arising from the substance or mixture

- Carbon monoxide (CO).

5.3. Advice for firefighters

- Protective equipment: No special measures required.

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.
- Provide adequate ventilation.

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.
- Ventilate affected area.
- 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

- Avoid exposure - obtain special instructions before use.

PROTECTIVE MEASURES

- Avoid contact with skin, eyes and clothes.
- Only allow access to authorised staff.
- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing
- Wash hands before breaks and at the end of work.
- Wash hands before breaks and at the end of work.

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

- Store locked up.

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

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Does not contain substances above concentration limits fixing an occupational exposure limit.
Not available

8.2. Exposure controls

Appropriate engineering controls

Not available

Personal protection equipment



Eye/face protection
Skin protection

: Suitable eye protection: Tightly sealed goggles.

: **Hand protection:**

- Wear protective gloves.
- The glove material has to be impermeable and resistant to the product/the substance/the preparation.
- Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.

- Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
 - The selection of suitable gloves does not only depend on the material but also on further marks of quality and varies from manufacturer to manufacturer.
 - As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
 - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Respiratory protection : Suitable respiratory protection apparatus: In case of brief exposure or low pollution use a respiratory filter device. In case of intensive or longer exposure use a self-contained respiratory protective device.

8.3. Additional information

The lists valid during the making were used as basis.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Brown
Odour:	Characteristic
Odour threshold:	Not available
pH:	Not available
Melting point/freezing point:	Not available
Initial boiling point and boiling range:	Not available
Flash point:	68°C
Evaporation rate:	Not available
Flammability:	Not available
Upper/lower flammability or explosive limits:	Not available
Vapour pressure:	Not available
Vapour density:	1.009-1.023 G/cm ³ At 20°C
Relative density:	Not available
Solubility(ies):	Not Miscible Or Difficult To Mix.
Partition coefficient: n-octanol/water (Log KOC):	Not available
Auto-ignition temperature:	Product Is Not Selfigniting.
Decomposition temperature:	Not available
Viscosity:	Not available
Explosive properties:	Product Does Not Present An Explosion Hazard.
Oxidising properties:	Not available

9.2. Other safety information

Not available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Not available

10.2. Chemical stability

Not available

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

No decomposition if used according to specifications.

10.5. Incompatible materials

Not available

10.6. Hazardous decomposition products

Not available

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 irritant effect.

Substances

Not available

11.5. Eye damage

Data for mixture

No irritant effect.

Substances

Not available

11.6. Skin sensitisation

Data for mixture

No sensitizing effects known.

Substances

Not available

11.7. STOT SE

Data for mixture

Not available

Substances

Not available

11.8. STOT RE**Data for mixture**

Not available

Substances

Not available

11.9. Carcinogenicity**Data for mixture**

Carc. 1B.

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

The product shows the following dangers according to the calculation method of the General EU.

Classification Guidelines for Preparations as issued in the latest version:

Carcinogenic.

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

Ecotoxicological effects: Remark: Harmful to fish.

12.7. Additional ecotoxicological information

General notes:

Generally not hazardous for water.
Harmful to aquatic organisms.

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

Void.

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

Marine pollutant: No.

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

Transport/Additional information: Not dangerous according to the above specifications.

Land transport (ADR/RID)

Not dangerous.

Inland waterway transport (ADN)

Not dangerous.

Sea transport (IMDG)

Not dangerous.

Air transport (ICAO-TI/IATA-DGR)

Not dangerous.

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
benz[a]anthracene	56-55-3	200-280-6
benzo[def]chrysene	50-32-8	200-028-5

Regulation: REACH : Candidate List of SVHC

Substance	CAS	EC
benz[a]anthracene	56-55-3	200-280-6
benzo[def]chrysene	50-32-8	200-028-5

National regulations**Regulation:** California proposition 65

Substance	CAS	EC
benz[a]anthracene	56-55-3	200-280-6
benzo[def]chrysene	50-32-8	200-028-5

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: 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)

H317	Skin Sens. 1	May cause an allergic skin reaction.
H340	Muta. 1B	May cause genetic defects.
H350	Carc. 1B	May cause cancer.
H360	Repr. 1B	May damage fertility or the unborn child.
H400	Aquatic Acute 1	Very toxic to aquatic life.
H410	Aquatic Chronic 1	Very 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.