

Safety Data Sheet

ANGELICA ROOT SIGNATURE ESSENTIAL OIL



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 : ANGELICA ROOT SIGNATURE ESSENTIAL OIL

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

Relevant identified uses : Aromatic Raw Material - Professional and industrial use.

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)
Flam. Liq. 3	H226 Flammable liquid and vapour.
Asp. Tox. 1	H304 May be fatal if swallowed and enters airways.
Skin Irrit. 2	H315 Causes skin irritation.
Skin Sens. 1B	H317 May cause an allergic skin reaction.
Repr. 2	H361 Suspected of damaging fertility or the unborn child.
Aquatic Acute 1	H400 Very toxic to aquatic life.
Aquatic Chronic 1	H410 Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Labelling

Hazard pictograms



Signal word	Danger
Product identifiers	-
Hazard Statements	H226 - Flammable liquid and vapour. H304 - May be fatal if swallowed and enters airways. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H361 - Suspected of damaging fertility or the unborn child. H400 - Very toxic to aquatic life. H410 - Very toxic to aquatic life with long lasting effects.
Supplemental Hazard information (EU)	-
Precautionary Statements - General	-
Precautionary Statements - Prevention	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statements - Response	P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
Precautionary Statements - Storage	P331 - Do NOT induce vomiting.
Precautionary Statements - Disposal	-

Contains: p-mentha-1,5-diene, 3,7,7-trimethylbicyclo[4.1.0]hept-3-ene, 7-methyl-3-methyleneocta-1,6-diene, 3,7-dimethylocta-1,3,6-triene

2.3. Other hazards

Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixture

Substance	C (%)	Classification	Specific concentration limits	Note
p-mentha-1,5-diene CAS N°:99-83-2 EC N°:202-792-5 IDX N°:	C≤ 24.15%	H226: Flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.	-	-
p-mentha-1(7),2-diene CAS N°:555-10-2 EC N°:209-081-9 IDX N°:	C≤ 23.11%	H226: Flammable liquid and vapour. H304: May be fatal if swallowed and enters airways.	-	-
pin-2(3)-ene CAS N°:80-56-8 EC N°:201-291-9 IDX N°:	C≤ 14.31%	H226: Flammable liquid and vapour. H302: Harmful if swallowed H304: May be fatal if swallowed and enters airways. 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(Chronic)=1M=1	-
3,7,7-trimethylbicyclo[4.1.0]hept-3-ene CAS N°:13466-78-9 EC N°:236-719-3 IDX N°:	C≤ 9.52%	H226: Flammable liquid and vapour. H304: May be fatal if swallowed and enters airways.	-	-

		H315: Causes skin irritation. H317: May cause an allergic skin reaction. H332: Harmful if inhaled. H411: Toxic to aquatic life with long lasting effects.		
(R)-p-mentha-1,8-diene CAS N°:5989-27-5 EC N°:227-813-5 IDX N°:601-029-00-7	C≤ 9.47%	H226: Flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H400: Very toxic to aquatic life. H412: Harmful to aquatic life with long lasting effects	M=1	-
p-cymene CAS N°:99-87-6 EC N°:202-796-7 IDX N°:	C≤ 4.2%	H226: Flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H361: Suspected of damaging fertility or the unborn child. H411: Toxic to aquatic life with long lasting effects.	-	-
7-methyl-3-methylenoocta-1,6-diene CAS N°:123-35-3 EC N°:204-622-5 IDX N°:	C≤ 3.86%	H226: Flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H319: Causes serious eye irritation H400: Very toxic to aquatic life. H411: Toxic to aquatic life with long lasting effects.	-	-
3,7-dimethylocta-1,3,6-triene CAS N°:13877-91-3 EC N°:237-641-2 IDX N°:	C≤ 3.2%	H226: Flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H400: Very toxic to aquatic life. H411: Toxic to aquatic life with long lasting effects.	M=1	-
pin-2(10)-ene CAS N°:127-91-3 EC N°:204-872-5 IDX N°:	C≤ 0.7%	H226: Flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. 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(Chronic)=1M=1	-
camphene CAS N°:79-92-5 EC N°:201-234-8 IDX N°:	C≤ 0.66%	H319: Causes serious eye irritation H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.	-	-
p-mentha-1,4(8)-diene CAS N°:586-62-9 EC N°:209-578-0	C≤ 0.66%	H304: May be fatal if swallowed and enters airways.	-	-

IDX N°:		H317: May cause an allergic skin reaction. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.		
p-mentha-1,4-diene CAS N°:99-85-4 EC N°:202-794-6 IDX N°:	C ≤ 0.65%	H226: Flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H361: Suspected of damaging fertility or the unborn child.	-	-
caryophyllene CAS N°:87-44-5 EC N°:201-746-1 IDX N°:	C ≤ 0.3%	H304: May be fatal if swallowed and enters airways. H317: May cause an allergic skin reaction. H413: May cause long lasting harmful effects to aquatic life.	-	-
pentadecan-15-olide CAS N°:106-02-5 EC N°:203-354-6 IDX N°:	C ≤ 0.3%	H317: May cause an allergic skin reaction. H411: Toxic to aquatic life with long lasting effects.	-	-

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

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. No resuscitation mouth-to-mouth or mouth-to-nose. Ambu use a mask or respirator. If breathing is irregular or stopped, administer artificial respiration.
Following skin contact	:	After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing. Change contaminated, saturated clothing. In case of skin irritation, consult a physician.
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

Keep packages near the fire cool, to prevent pressurised containers from bursting.

Suitable extinguishing media : Prevent the effluent of fire-fighting measures from entering drains or waterways.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

- A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke.
- In the event of a fire, the following may be formed :
- carbon monoxide (CO)
- Carbon dioxide (CO₂)

5.3. Advice for firefighters

- Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

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.
- Use appropriate respiratory protection.

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.
- Ventilate affected area.
- 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

- Avoid exposure - obtain special instructions before use.

PROTECTIVE MEASURES

- Avoid contact with skin, eyes and clothes.
- 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.
- Wear personal protective clothing (see section 8).
- Only allow access to authorised staff.
- Sewers and ducts must be protected against the entry of the product.
- Provide for retaining containers, eg. floor pan without outflow.
- Use only in well-ventilated areas.
- Vapours/aerosols should be exhausted directly at the point of origin.
- Avoid breathing gas/fumes/vapour/spray.

Advices on general occupational hygiene

- Wash hands before breaks and after work.
- Remove contaminated, saturated clothing immediately.
- Work in well ventilated zones or use proper respiratory protection.
- Wash contaminated clothing before reuse.
- Street clothing should be stored separately from work clothing.

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.
- Ground/bond container and receiving equipment.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Store locked up.
- Use isolated drainage to prevent discharge to soil.

Advice on joint storage

- Keep away from food, drink and animal feedingstuffs.
- Keep away from clothing and other combustible materials.
- Keep only in the original container in a cool, well-ventilated place, away from highly flammable substances.

Further information on storage conditions

- Use explosion-proof electrical/ventilating/lighting/.../equipment.
- Use only non-sparking tools.

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:**
- Avoid contact with eyes.
 - Use eye protectors designed to protect against liquid splashes
 - Before handling, wear safety goggles in accordance with standard EN166.

Skin protection

- : **Hand protection:**
- Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.
 - Gloves must be selected according to the application and duration of use at the workstation.
 - Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.
 - Impervious gloves in accordance with standard EN ISO 374-2
- Body protection:**
- Avoid skin contact.
 - Wear suitable protective clothing.
 - Suitable type of protective clothing :
 - In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605/A1 to prevent skin contact.
 - In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034/A1 to prevent skin contact.
 - In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.
 - In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.
 - Work clothing worn by personnel shall be laundered regularly.
 - After contact with the product, all parts of the body that have been soiled must be washed.

8.3. Additional information

Personal protection measures, such as personal protective equipment:

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE).

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	Fluid Liquid
Colour:	Light Yellow To Amber Yellow
Odour:	Aromatic, Green

Odour threshold:	Not available
pH:	Not relevant
Melting point/freezing point:	Not Specified
Initial boiling point and boiling range:	Not specified
Flash point:	>43°C (ISO 11018:1997 (closed cup))
Evaporation rate:	Not available
Flammability:	Not available
Upper/lower flammability or explosive limits:	Not available
Vapour pressure:	Between 175 Kpa And 300 Kpa Inclusive (estimated Value)
Vapour density:	Not available
Relative density:	[0.850; 0.920] - Iso 279:1999
Solubility(ies):	Insoluble.
Partition coefficient: n-octanol/water (Log KOC):	Not available
Auto-ignition temperature:	Not Specified
Decomposition temperature:	Not available
Viscosity:	V < 7 Mm ² /s (40°C) (estimated Value)
Explosive properties:	Not available
Oxidising properties:	Not available

9.2. Other safety information

Appearance : Liquid at room temperature.
 Decomposition point/decomposition range : Not specified.
 Index of refraction : [1.470; 1.488] - ISO 280:1999.
 Solubility : From soluble to opalescent in ethyl alcohol - ISO 875 : 1999.
 Optical rotation : [+16; +45] - ISO 592: 1999.
 Transformation's country : Belgium.
 Country of origin for the raw material : Belgium.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Oxidation risk on a long-term period.

10.2. Chemical stability

This substance is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

Not available

10.4. Conditions to avoid

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid :

Accumulation of electrostatic charges.

Heating.

Heat.

Flames and hot surfaces.

Excessive temperatures (>40°C).

Light exposure.

Heat source exposure.

10.5. Incompatible materials

Acids, bases and oxidizers.

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

Carbon monoxide (CO).

Carbon dioxide (CO₂).

10.7. Additional information

Not available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Acute oral toxicity

Data for mixture

Not available

Substances

3,7-dimethylocta-1,3,6-triene (CAS: 13877-91-3)

Species : Not available

Sex : Not available

Guideline : Not available

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

Conclusion : Not available

3,7,7-trimethylbicyclo[4.1.0]hept-3-ene (CAS: 13466-78-9)

Species : Not available

Sex : Not available

Guideline : Not available

Subendpoint	Operator	Value	Unit
LD50:	=	4800	mg/kg bw

Conclusion : Not available

p-mentha-1,4(8)-diene (CAS: 586-62-9)

Species : Not available

Sex : Not available

Guideline : Not available

Subendpoint	Operator	Value	Unit
LD50:	=	3775	mg/kg bw

Conclusion : Not available

p-cymene (CAS: 99-87-6)

Species : Not available

Sex : Not available

Guideline : Not available

Subendpoint	Operator	Value	Unit
LD50:	=	4750	mg/kg bw

Conclusion : Not available

p-mentha-1,4-diene (CAS: 99-85-4)

Species : Not available

Sex : Not available

Guideline : Not available

Subendpoint	Operator	Value	Unit
LD50:	=	3850	mg/kg bw

Conclusion : 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

3,7,7-trimethylbicyclo[4.1.0]hept-3-ene (CAS: 13466-78-9)

Species : Not available
 Sex : Not available
 Guideline : Not available
 Route of administration : Not available
 Exposure duration/value : 4
 Exposure duration/unit : h

Subendpoint	Results/Sex	Operator	Value	Unit
LC50:	-	=	1.5	mg/L

Conclusion : Not available

11.4. Skin corrosion

Data for mixture

Not available

Substances

Not available

11.5. Eye damage

Data for mixture

Not available

Substances

Not available

11.6. Skin sensitisation

Data for mixture

Not available

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

Not available

Substances

CAS 97-53-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 108-88-3 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 123-35-3 : IARC Group 2B : The agent is possibly carcinogenic to humans.

CAS 5989-27-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

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

May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.

May cause an allergic reaction by skin contact.

Suspected human reproductive toxicant.

Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

Aspiration hazard :

May be fatal if swallowed and enters airways.

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

Not available

12.6. Other adverse effects

Not available

12.7. Additional ecotoxicological information

Complex substance.

No aquatic toxicity data available for the substances.

Very toxic to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

German regulations concerning the classification of hazards for water (WGK, AwSV vom 18/04/2017, KBws) :

WGK 3 : Extremely hazardous for water.

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	1169	1169	1169	1169
14.2. UN proper shipping name	LIQUID AROMATIC EXTRACTS	LIQUID AROMATIC EXTRACTS	LIQUID AROMATIC EXTRACTS	LIQUID AROMATIC EXTRACTS
14.3. Transport hazard class(es)				
Class or Division	3	3	3	3
Hazard label(s)				
14.4. Packing group	III	III	III	III

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

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.
For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.
Marine pollutant (IMDG 3.1.2.9):(alpha-phellandrene).

Land transport (ADR/RID)

Label: 3.
Ident: 30
LQ: 5 L
Provis.: 601
EQ: E1.
Cat. 3.
Tunne: D/E

Sea transport (IMDG)

LQ: 5 L
EmS: F-E, S-D.
Provis.: 223 955
EQ: E1.
Stowage Handling: Category A

Air transport (ICAO-TI/IATA-DGR)

Passager:
355
Y344
Passager:
60 L
10 L
Cargo: 366.
Cargo: 220 L note:
A3
A3
EQ:
E1
E1

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
(R)-p-mentha-1,8-diene	5989-27-5	227-813-5

Regulation: REACH : Annex XVII (Restrictions)

Substance	CAS	EC
(R)-p-mentha-1,8-diene	5989-27-5	227-813-5

National regulations

Regulation: California proposition 65

Substance	CAS	EC
7-methyl-3-methyleneocta-1,6-diene	123-35-3	204-622-5

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: 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)

H226	Flam. Liq. 3	Flammable liquid and vapour.
H302	Acute Tox. 4 ORAL	Harmful if swallowed
H304	Asp. Tox. 1	May be fatal if swallowed and enters airways.
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
H332	Acute Tox. 4 INHALATION	Harmful if inhaled.
H361	Repr. 2	Suspected of damaging 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.
H411	Aquatic Chronic 2	Toxic to aquatic life with long lasting effects.
H412	Aquatic Chronic 3	Harmful to aquatic life with long lasting effects
H413	Aquatic Chronic 4	May cause long lasting harmful effects to aquatic life.

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.