

BIORUŽA, s. r. o.

Laborecká 1, 010 01 Žilina, IČO: 52234070, IČ DPH: SK2120953802, tel. : 00421 905 864 140, info@bioruza.sk

Safety Data Sheet **Vitex Berry Essential Oil** *(Vitex agnus-castus)*

Revised : 04/06/2025

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

ORGANIC CHASTE-TREE OIL/ Vitex agnus castus

Commercial Name : CHASTE-TREE OIL/ Vitex agnus castus

C.A.S Number : 91722-47-3

Country of origin : Europe (**Bosnia – Croatia**)

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

NO CONCERNED

1.3. Details of the supplier of the safety data sheet

Company name: BIORUŽA s.r.o.

Company address: Laborecká 1, 01001 Žilina

Slovakia

Company contact: 00421

905 864 140

info@bioruza.sk

www.bioruza.sk

1.4. Emergency telephone number : 02/54774166

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

GHS Classification :

(RegulationCLP)

AH1 Aspiration hazard 1

ATO4 Acute toxicity oral 4

ED12 Serious eye damage / eye irritation 2

ED12A Serious eye damage / eye irritation 2A

EHA1 Hazardous to the aquatic environment, acute hazard 1

EHC2 Hazardous to the aquatic environment, long-term hazard 2

FL3 Flammable Liquids 3

SC12 Skin corrosion / irritation 2

SS1 Sensitisation skin 1

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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.
H319 - Causes serious eye irritation.
H400 - Very toxic to aquatic life.
H411 - Toxic to aquatic life with long lasting effects.

2.2. Label elements

GHS Classification :

(RegulationCLP)

Signal word: Danger

AH1 Aspiration hazard 1
ATO4 Acute toxicity oral 4
ED12 Serious eye damage / eye irritation 2
ED12A Serious eye damage / eye irritation 2A
EHA1 Hazardous to the aquatic environment, acute hazard 1
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P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P241 - Use explosion-proof electrical/ventilating/lighting/Ö/equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.



2.3. Other hazards

Content Eucalyptol, beta-Farnesene, alpha-Pinene, beta-Caryophyllene, Limonene, Myrcene, Camphor, Thujone, beta-Pinene, Linalool, alpha-Terpinene, Terpinolene, Citronellol

3. COMPOSITION / INFORMATION ON INGREDIENT

Liste des composants à signaler :

3.1. Substances

Numéro d'identification	Substance	Classes danger & Phrases H	LCS / Facteurs M / ATE	Percent %
CAS# 470-82-6	Eucalyptol	ED12B, FL3, SS1B		25.00
EINECS# 207-431-5		H320, H226, H317		
CAS# 18794-84-8	beta-Farnesene	AH1		20.00
EINECS# 242-582-0		H304		
CAS# 80-56-8	alpha-Pinene	AH1, ATO4, EHA1, EHC1, FL3,		18.00
EINECS# 201-291-9		SC12, SS1B	ATE (Orale) : 500mg/kg	

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		H304, H302, H400, H410, H226, H315, H317		
CAS# 87-44-5	beta-Caryophyllene	AH1, SS1B		12.00
EINECS# 201-746-1		H304, H317		
CAS# 5989-27-5	Limonene	AH1, EHA1, EHC3, FL3, SCI2, SS1B		6.00
EINECS# 227-813-5		H304, H400, H412, H226, H315, H317		
CAS# 123-35-3	Myrcene	AH1, EDI2, EDI2A, EHA1, EHC2, FL3, SCI2		3.50
EINECS# 204-622-5		H304, H319, H319, H400, H411, H226, H315		
CAS# 76-22-2	Camphor	AT14, ATO4, EDI1, EHC2, SCI2, STO-SE2	ATE (Orale) : 1500.015mg/kg	2.50
EINECS# 200-945-0		H332, H302, H318, H411, H315, H371	ATE (Inhalation) : 1.5mg/L	
CAS# 546-80-5	Thujone	ATO4		2.50
EINECS# 208-912-2		H302	ATE (Orale) : 500mg/kg	
CAS# 99-87-6	p-Cymene	AH1, EHC2, FL3, REP2		2.50
EINECS# 202-796-7		H304, H411, H226, H361		
CAS# 99-85-4	gamma-Terpinene	AH1, FL3, REP2		2.00
EINECS# 202-794-6		H304, H226, H361		
CAS# 127-91-3	beta-Pinene	AH1, EHA1, EHC1, FL3, SCI2, SS1B		1.50
EINECS# 204-872-5		H304, H400, H410, H226, H315, H317		
CAS# 78-70-6	Linalool	EDI2, EDI2A, SCI2, SS1B		1.00
EINECS# 201-134-4		H319, H319, H315, H317		
CAS# 99-86-5	alpha-Terpinene	AH1, ATO4, EHC2, FL3		1.00
EINECS# 202-795-1		H304, H302, H411, H226	ATE (Orale) : 1680.023mg/kg	
CAS# 546-80-5	Thujone	ATO4		0.60
EINECS# 208-912-2		H302	ATE (Orale) : 500mg/kg	
CAS# 586-62-9	Terpinolene	AH1, EHA1, EHC1, FL3, SS1B		0.50
EINECS# 209-578-0		H304, H400, H410, H226, H317		
CAS# 106-22-9	Citronellol	EDI2, EDI2A, SCI2, SS1B		0.30
EINECS# 203-375-0		H319, H319, H315, H317		
CAS# 99-49-0	Carvone	SS1B		0.05
EINECS# 202-759-5		H317		
CAS# 106-24-1	Geraniol	EDI1, SCI2, SS1		0.05
EINECS# 203-377-1		H318, H315, H317		

3.2. Mixtures

NO CONCERNED

4. FIRST AID MEASURES

4.1. Description of first aid measures

NO CONCERNED

4.2. Most important symptoms and effects, both acute and delayed

NO CONCERNED

4.3. Indication of any immediate medical attention and special treatment needed

Contact with skin : wash immediately and abundantly with water and soap. Rinse then with clear water.

Contact with eyes : Abundant rinsing with water (15 minutes open eyelids) then washing with an ocular lotion standard Dacryoserum. In case of disorder, consult an ophthalmologist.

In the event of swallowed : Not make vomit, maintain the patient at rest. Resort to the medical care.

Soiled clothing : withdraw soiled clothing and re-use them only after decontamination.

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5. FIRE FIGHTING

5.1. Extinguishing media

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

Flammability : The product is not easily flammable.

Prévention: Do not smoke. Do not use flame near.

5.3. Advice for firefighters

Never use a direct stream of water.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Use appropriate personal protective equipment during clean-up.

6.2. Environmental precautions

Do not allow to enter sewers/ surface or ground water.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, *universal binders*, *sawdust*).

6.4. Reference to other sections

NO CONCERNED

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Close packing after use. Reproduce labelling if transfer in another container.

7.2. Conditions for safe storage, including any incompatibilities

-Avoid any useless exposure. Keep away from food and drinks.

-Preserve only in the container of origin in a fresh place and broken down well. Keep the containers closed out of their use.

-Do not leave it near heat source, direct rays of the sun

7.3. Specific end use(s)

Wash the hands and any other zone exposed with soap and water before eating, drinking, to smoke and before

leaving work.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

NO CONCERNED

8.2. Exposure controls

General protective and hygienic measures: Avoid skin and eyes contact. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

Personal Protection :

- Hand protection: Wear gloves.
- Eye protection: Wear glasses.
- Respiratory protection : Wear a mask.
- Ingestion : Do not use, drink and smoke during use.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Color :	Pale yellow to yellow-orange
Relative density (d ₂₀ /20) :	[0.870 ; 0.940]
Refractive index @ 20°C :	[1.470 ; 1.495]
Angular rotation (°) :	[-5.0 ; +5.0]
Flash point :	50.0

9.2. Other information

NO CONCERNED

10. STABILITY AND REACTIVITY

10.1. Reactivity

·**Dangerous reactions** : No dangerous reactions known.

10.2. Chemical stability

NO CONCERNED

10.3. Possibility of hazardous reactions

NO CONCERNED

10.4. Conditions to avoid

Avoid temperatures near the flash point (see section 9). Avoid contact with oxidizing agents

10.5. Incompatible materials

NO CONCERNED

10.6. Hazardous decomposition products

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Thermal decomposition / conditions to be avoided: Avoid contact with any flame or spark, flame, Overheat. Avoid Direct rays of the sun. No decomposition if used according to specifications.

Dangerous decomposition products: No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological Information : No data available.

Toxicological Informations Acute :

- **Orale**

1 826,60 (Déterminée)

- **Inhalation**

Matière non classée

- **Skin**

Non Déterminé

11.2. Information on other hazards

According to our current information, no substances are considered to be endocrine disruptors.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Do not leave the product, even diluted or in great quantity, penetrate the ground water, water or the drains.

12.2. Persistence and degradability

NO CONCERNED

12.3. Bioaccumulative potential

NO CONCERNED

12.4. Mobility in soil

NO CONCERNED

12.5. Results of PBT and vPvB assessment

NO CONCERNED

12.6. Endocrine disrupting properties

According to our current information, no substances are considered to be endocrine disruptors.

12.7. Other adverse effects

NO CONCERNED

13. DISPOSAL RECOMMENDATIONS

13.1. Waste treatment methods

Product : Recommendation : Does not have to be evacuated with the refuse . Not to let penetrate in the sewers.

Not cleaned packing : Recommendation : Evacuation in accordance with the regulations.

14. TRANSPORT INFORMATION

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ADR/ADN/RID:



IMDG:



IATA:



14.1. UN number

ADR/ADN/RID : 1197 (Tunnel code(D/E))

IMDG:1197

IATA:1197

14.2. UN proper shipping name

ADR/ADN/RID : EXTRACTS, LIQUID

IMDG:EXTRACTS, LIQUID

IATA :EXTRACTS, LIQUID

14.3. Transport hazard class(es)

ADR/ADN/RID : 3

IMDG:3

IATA :3

14.4. Packing group

ADR/ADN/RID : III

IMDG:III

IATA :III

14.5. Environmental hazards

IMDG : marine pollutant material

14.6. Special precautions for user

NO CONCERNED

14.7. Maritime transport in bulk according to IMO instruments

NO CONCERNED

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15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Class of water contamination (Germany) : WGK

Valeur ICPE : **4510**

15.2. Chemical safety assessment

NO CONCERNED

16. OTHER INFORMATION

Full H sentences text in point 3 :

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H302+H332	Harmful if swallowed or if inhaled
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H320	Provoque une irritation des yeux
H361	Suspected of damaging fertility or the unborn child <state specific effect if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H371	May cause damage to organs <or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Material security data sheet according to 2020/878.

These indications are founded on the current state of our knowledge, but do not constitute a guarantee as for the properties of the product and do not give place to a contractual legal report.

Modified points : 2.3 3.1 11.1