

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

ESSENTIAL OIL OF ZANTHOXYLUM ORGANIC FROM NEPAL

CAS TSCA number: /

CAS EINECS number: 91770-90-0

EINECS number: 294-877-9

ELINCS number: /

ECHA attributed number: /

FEMA number: 2110

CoE number: 486

FDA number: 182.20

Botanical name : **Zanthoxylum alatum Roxb.**
INCI name : **ZANTHOXYLUM ALATUM FRUIT EXTRACT**
Quality : **100% pure and natural**
REACH : **Exempted because importation < 1t / year / legal entity**

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

Fragrance and flavour

1.3. Details of the supplier of the safety data sheet

Company : NHR Organic Oils
24 Chatham Place
Brighton UK
Tel: 0044 01273 746505
Web: www.nhrorganicoils.com
Email : info@nhrorganicoils.com

1.4. Emergency telephone number

ORFILA Organism (poison control center): +33 (0)1 45 42 59 59
Website : <http://www.centres-antipoison.net>

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture according to Regulation (EC) 1272/2008 (CLP)

GHS Classification :

(RegulationCLP)

AH1 Aspiration hazard 1

SAFETY DATA SHEET

Printed : 07/11/2022 ESSENTIAL OIL OF ZANTHOXYLUM
ORGANIC FROM NEPAL

Model/Rev. : 001NEW-1-CLP du 07/11/2022

ED12 Serious eye damage / eye irritation 2
EHA1 Hazardous to the aquatic environment, acute hazard 1
EHC3 Hazardous to the aquatic environment, long-term hazard 3
FL3 Flammable Liquids 3
SCI2 Skin corrosion / irritation 2
SS1 Sensitisation skin 1

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.
H319 - Causes serious eye irritation.
H400 - Very toxic to aquatic life.
H412 - Harmful to aquatic life with long lasting effects.

2.2. Label elements

GHS Classification :

(RegulationCLP)

Warning mention : Danger

AH1 Aspiration hazard 1
ED12 Serious eye damage / eye irritation 2
EHA1 Hazardous to the aquatic environment, acute hazard 1
EHC3 Hazardous to the aquatic environment, long-term hazard 3
FL3 Flammable Liquids 3
SCI2 Skin corrosion / irritation 2
SS1 Sensitisation skin 1

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.
H319 - Causes serious eye irritation.
H400 - Very toxic to aquatic life.
H412 - Harmful to aquatic life with long lasting effects.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
P302+P352 - IF ON SKIN: Wash with plenty of water/...
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P403+P235 - Store in a well-ventilated place. Keep cool.
P501 - Dispose of contents/container according to applicable legislations



2.3. Other hazards

Contains Linalool, d-Limonene, beta-Phellandrene, Myrcene, Terpinene-4-ol

3. COMPOSITION / INFORMATION ON INGREDIENT

SAFETY DATA SHEET

Printed : 07/11/2022

ESSENTIAL OIL OF ZANTHOXYLUM
ORGANIC FROM NEPAL

Model/Rev: : 001NEW-1-CLP du 07/11/2022

Product not concerned by the component list.

3.1. Substances

Material	C.A.S	EINECS	Risk Symbol	%
Linalool	78-70-6	201-134-4	ED12, SCI2, SS1B - H315, H317, H319	55.00
d-Limonene	5989-27-5	227-813-5	AH1, EHA1, EHC3, FL3, SCI2, SS1B - H226, H304, H315, H317, H400, H412	40.00
Methyl cinnamate	103-26-4	203-093-8	FL3, SS1B - H226, H317	15.00
beta-Phellandrene	555-10-2	209-081-9	AH1, FL3 - H226	15.00
Myrcene	123-35-3	204-622-5	AH1, ED12, EHA1, EHC2, FL3, SCI2 - H226, H315, H319, H400, H411	5.00
Terpinene-4-ol	562-74-3	209-235-5	AT14, ATO4, SCI2, STO-SE3-RI - H302+H332, H315, H335	3.00

3.2. Mixtures

NO CONCERNED

4. FIRST AID MEASURES

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.

In the event of excessive inhalation : Move the victim to fresh air. Get medical advice immediately.

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

5. FIRE FIGHTING

5.1. Extinguishing media

Recommended : foam, dry powder, carbon dioxide (CO₂)
Inadvisable : avoid full water jet

5.2. Special hazards arising from the substance or mixture

Flammability : The product is 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

SAFETY DATA SHEET

Printed : 07/11/2022

ESSENTIAL OIL OF ZANTHOXYLUM
ORGANIC FROM NEPAL

Model/Rev: : 001NEW-1-CLP du 07/11/2022

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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

NO CONCERNED

8.2. Exposure controls

SAFETY DATA SHEET

Printed : 07/11/2022

ESSENTIAL OIL OF ZANTHOXYLUM
ORGANIC FROM NEPAL

Model/Rev: : 001NEW-1-CLP du 07/11/2022

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 nitrile gloves.
- Eyes protection : Wear protection eyeglasses.
- Respiratory protection : Wear a protection mask.
- Ingestion : Do not use, drink and smoke during use.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Odor : **Woody, spicy**
Color : **[Pale yellow ; Light brown]**
Texture : **Mobile and clear liquid**

9.2. Other information

Main components : **Linalool (45 to 55%), Limonene (10 to 40%), Beta-phellandrene (5 to 15%), Methyl Cinnamate (2 to 15%)**
Flash point (°C) : **[+55 ; +61]**
Refractive index at 20°C : **[1.475 ; 1.490]**
Relative density at 20°C : **[0.815 ; 0.905]**
Angular rotation at 20°C (°) : **[+1 ; +45]**

10. STABILITY AND REACTIVITY

10.1. Reactivity

NO CONCERNED

10.2. Chemical stability

NO CONCERNED

10.3. Possibility of hazardous reactions

NO CONCERNED

10.4. Conditions to avoid

NO CONCERNED

10.5. Incompatible materials

NO CONCERNED

10.6. Hazardous decomposition products

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
Dangerous decomposition products: No dangerous decomposition products known.

SAFETY DATA SHEET

Printed : 07/11/2022

ESSENTIAL OIL OF ZANTHOXYLUM
ORGANIC FROM NEPAL

Model/Rev: : 001NEW-1-CLP du 07/11/2022

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological

Toxicological Informations Acute :

- **Orale**

3 601,40 (Determined)

- **Inhalation**

Not classified

- **Skin**

Not classified

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 INFORMATION

12.3. Bioaccumulative potential

NO INFORMATION

12.4. Mobility in soil

NO INFORMATION

12.5. Results of PBT and vPvB assessment

NO INFORMATION

12.6. Other adverse effects

NO INFORMATION

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

ADR:

SAFETY DATA SHEET

Printed : 07/11/2022

ESSENTIAL OIL OF ZANTHOXYLUM
ORGANIC FROM NEPAL

Model/Rev: : 001NEW-1-CLP du 07/11/2022



IMDG:



IATA:



14.1. UN number

ADR : 1169 (Tunnel code(D/E))
IMDG:1169
IATA :1169

14.2. UN proper shipping name

ADR : EXTRACTS, AROMATIC, LIQUID
IMDG:EXTRACTS, AROMATIC, LIQUID
IATA :EXTRACTS, AROMATIC, LIQUID

14.3. Transport hazard class(es)

ADR : 3
IMDG:3
IATA :3

14.4. Packing group

ADR : III
IMDG:III
IATA :III

14.5. Environmental hazards

IMDG : Marine Pollutant

Marine pollutant(s) : **Limonene**

14.6. Special precautions for user

NO CONCERNED

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

NO CONCERNED

15. REGULATORY INFORMATION

SAFETY DATA SHEET

Printed : 07/11/2022

ESSENTIAL OIL OF ZANTHOXYLUM
ORGANIC FROM NEPAL

Model/Rev: : 001NEW-1-CLP du 07/11/2022

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

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.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Material security data sheet according to 2001/58/CEE.

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.