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SAFETY DATA SHEET

CLP: REACH Regulation (EU) 2020/878
Code Number 800923
Version 6 Revised 12/11/2020 10:29:43

07 Feb 2023

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Name	ORIGANUM OIL
Code Number	800923
Alternative Name	
REACH Registration Number	Not registered

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

This material is not for use in tobacco/tobacco products, E-Cigarettes or similar devices.
See Section 16 Disclaimer.

1.3 Details of the supplier of the safety data sheet

	Etja s.c.
	Łęczycka 29
	82-300 Elbląg
Telephone Number	+48 (55) 233 09 87
Email Address	etja@etja.pl

1.4 Emergency Telephone Number

112

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Section 2: Hazard Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Acute Tox. 4;H302

Asp. Tox. 1;H304

Acute Tox. 3;H311

Skin. Corr. 1;H314

Skin Sens. 1;H317

Repr. 2;H361

Aquatic Chronic 2;H411

Refer to section 16 for the wording of listed classification and hazard statement codes

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CLP: REACH Regulation (EU) 2020/878
Code Number 800923
Version 6 Revised 12/11/2020 10:29:43

07 Feb 2023

2.2 Label elements

CLP: Labelling according to Regulation (EC) No 1272/2008

Hazard Pictograms



Signal Word Danger

Hazard Statements

- | | |
|------|---|
| H302 | Harmful if swallowed |
| H304 | May be fatal if swallowed and enters airways |
| H311 | Toxic in contact with skin |
| H314 | Causes severe skin burns and eye damage |
| H317 | May cause an allergic skin reaction |
| H361 | Suspected of damaging fertility or the unborn child |
| H411 | Toxic to aquatic life with long lasting effects |

Precautionary Statements

- | | |
|-----------|--|
| P260 | Do not breathe fumes. |
| P264 | Wash hands thoroughly after handling |
| P280 | Wear protective gloves and eye protection |
| P302+P352 | IF ON SKIN: Wash with plenty of water. |
| P304+P312 | IF INHALED: Call a POISON CENTRE if you feel unwell. |
| P501 | Dispose of contents/container to contents and container. |

2.3 Other Hazards

Contains Limonene and Linalool which may produce an allergic reaction

According to the results of its assessment, this substance is not a PBT or a vPvB.

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SAFETY DATA SHEET

CLP: REACH Regulation (EU) 2020/878
Code Number 800923
Version 6 Revised 12/11/2020 10:29:43

07 Feb 2023

No further information available at this time

Section 3: Composition / information on ingredients

Any percentage values listed here for hazardous components are for illustrative purposes only

3.1 Substances

Description ORIGANUM OIL

EC/EINECS 290-371-7

CAS Number 90131-59-2

USCAS Number 8007-11-2

ATE(oral) = 500 mg/kg, ATE(dermal) = 300 mg/kg

Hazardous components

ID Numbers	Chemical Name, Classification and Hazards	Conc. (%)	SCL / ATE / M-Factor
CAS 499-75-2 EINECS 207-889-6 REACH	Carvacrol Acute Tox. 4;H302,Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Eye Irrit. 2;H319	72.0000	LD50(oral): 810 mg/kg
CAS 99-87-6 EINECS 202-796-7 REACH	para-Cymene Flam. Liq. 3;H226,Asp. Tox. 1;H304,Repr. 2;H361,Aquatic Chronic 2;H411	5.0000	
CAS 99-85-4 EINECS 202-794-6 REACH	gamma-Terpinene (p-Mentha-1,4-diene) Flam. Liq. 3;H226,Asp. Tox. 1;H304,Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Repr. 2;H361,Aquatic Chronic 2;H411	4.8000	
CAS 87-44-5 EINECS 201-746-1 REACH	Caryophyllene Asp. Tox. 1;H304,Skin Sens. 1B;H317,Aquatic Acute 1;H400,Aquatic Chronic 1;H410	3.3000	
CAS 78-70-6 EINECS 201-134-4 REACH	Linalool Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Eye Irrit. 2;H319	3.0000	
CAS 126-90-9 EINECS 204-810-7 REACH	d-Linalool Skin. Irrit. 2;H315,Eye Irrit. 2;H319	2.9000	
CAS 89-83-8 EINECS 201-944-8 REACH	Thymol Acute Tox. 4;H302,Skin. Corr. 1B;H314,Eye Dam. 1;H318,Aquatic Chronic 2;H411	2.5000	LD50(oral): 980 mg/kg
CAS 127-91-3 EINECS 204-872-5 REACH	beta-Pinene Flam. Liq. 3;H226,Asp. Tox. 1;H304,Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Aquatic Acute 1;H400,Aquatic Chronic 1;H410	0.9000	

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CLP: REACH Regulation (EU) 2020/878
Code Number 800923
Version 6 Revised 12/11/2020 10:29:43

07 Feb 2023

CAS 5989-27-5 EINECS 227-813-5 REACH	d-Limonene (p-Mentha-1,8-diene) Flam. Liq. 3;H226,Asp. Tox. 1;H304,Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Aquatic Chronic 3;H412	0.7500	
CAS 99-86-5 EINECS 202-795-1 REACH	alpha-Terpinene (para-Mentha-1,4-diene) Flam. Liq. 3;H226,Asp. Tox. 1;H304,Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Aquatic Chronic 2;H411	0.4000	
CAS 80-56-8 EINECS 201-291-9 REACH	alpha-Pinene Flam. Liq. 3;H226,Acute Tox. 4;H302,Asp. Tox. 1;H304,Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Aquatic Acute 1;H400,Aquatic Chronic 1;H410	0.2000	

Refer to section 16 for the wording of listed classification and hazard statement codes

Section 4: First Aid measures

Take phrases in section 2 into account

4.1 Description of first aid measures

After inhalation

Remove from the exposure area to fresh air. Contact a doctor if necessary.

After skin contact

Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.

After eye contact

Flush with plenty of water and seek medical advice if necessary.

After ingestion

Wash mouth with plenty of water and obtain medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further information available at this time

4.3 Indication of immediate medical attention and special treatment needed

No further information available at this time

Section 5: Fire-fighting measures

5.1 Extinguishing Media

Carbon dioxide, foam or dry powder
DO NOT USE A DIRECT WATER JET.

5.2 Special hazards arising from the substance or mixture

May produce Carbon dioxide and unidentified organic compounds.

5.3 Advice for fire-fighters

Wear protective clothing and avoid inhalation of vapours.

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Code Number 800923
Version 6 Revised 12/11/2020 10:29:43

07 Feb 2023

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition.
Avoid inhalation, skin and eye contact.
Ensure proper ventilation.

6.2 Environmental precautions

Do not discharge directly into drains or the soil. Keep away from surface and ground water

6.3 Methods and material for containment and cleaning up

Soak up spillage with sand or other inert absorbant material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.

6.4 Reference to other sections

Refer to information in Sections 7, 8 and 13

Section 7: Handling and storage

7.1 Precautions for safe handling

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Sealed containers in a cool dark place. Check quality before use.

7.3 Specific end uses

No further information available

Section 8: Exposure controls / personal protection

8.1 Control Parameters

No information available

8.2 Exposure controls

Engineering controls

No information available

Individual protection measures

Refer to Section 5 for specific fire / chemical personal protective equipment advice.
Always wash routinely before breaks, meals and at the end of the work period.

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SAFETY DATA SHEET

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Code Number 800923
Version 6 Revised 12/11/2020 10:29:43

07 Feb 2023

Eye / face protection

Wear safety goggles.

Hand protection

Wear chemically resistant disposable gloves.

Other skin protection

Wear overalls. Always wash routinely before breaks, meals and at the end of the work period.

Respiratory protection

Not generally required. Use inhalation protection in poorly ventilated areas

Thermal hazards

No information available

Environmental exposure controls

No information available

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Flash Point (°C)	76.00
Physical state	
APPEARANCE	Pale/Yellow-green to Dark Brown Liquid
ODOUR DESCRIPTION	Herbal odour reminiscent of thyme
RELATIVE DENSITY @20C	0.935 - 0.960
VAPOUR PRESSURE	No data available
AUTO-IGNITION TEMPERATURE	No data available
ODOUR THRESHOLD	No data available
pH	Not applicable for this product
EVAPORATION RATE	No data available
VAPOUR DENSITY	No data available
PARTITION COEFFICIENT	No data available
DECOMPOSITION TEMPERATURE	No data available
VISCOSITY	No data available

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Version 6 Revised 12/11/2020 10:29:43

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EXPLOSIVE PROPERTIES

Not determined (material not explosive)

OXIDISING PROPERTIES

Not determined (not an oxidising agent)

9.2 Other information

Information with regard to physical hazard classes

No further information available

Other safety characteristics

No further information available

Section 10: Stability and reactivity

10.1 Reactivity

Not determined

10.2 Chemical Stability

Not determined

10.3 Possibility of hazardous reactions

Not determined

10.4 Conditions to avoid

Extreme temperatures

10.5 Incompatible materials

Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.

10.6 Hazardous decomposition products

Not determined

Section 11: Toxicological information

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

Acute toxicity

ORIGANUM OIL CAS: 8007-11-2

LD50(oral): Not applicable LD50(dermal): Not applicable
LC50(inhalation): Not applicable

Skin corrosion / irritation

No data available

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Code Number 800923
Version 6 Revised 12/11/2020 10:29:43

07 Feb 2023

Serious eye damage / irritation

No data available

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Specific Target Organ - single exposure

No data available

Specific Target Organ - repeated exposure

No data available

Aspiration hazard

No data available

Information on likely routes of exposure

No data available

Symptoms related to the physical, chemical and toxicological characteristics

No data available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data available

Interactive effects

No data available

11.2 Information on other hazards

Endocrine disrupting properties

No data

Other information

No data available

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Section 12: Ecological information

12.1 Toxicity

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB.

12.6 Endocrine disrupting properties

No data

12.7 Other adverse effects

No data available

12.8 Additional information

No data

Section 13: Disposal considerations

Please refer to the information in section 8 (Exposure controls and personal protection)

13.1 Waste treatment methods

Dispose in accordance with the law and local regulations. Treat as trade effluent.

Section 14: Transport information

14.1 UN number or ID number

2810

14.2 UN proper shipping name

TOXIC LIQUID, ORGANIC, N.O.S.
(Origanum Oil)

14.3 Transport hazard class(es)

6.1

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07 Feb 2023

14.4 Packing group

III

Tunnel Code

(E)

14.5 Environmental Hazards

Marine pollutant.

14.6 Special precautions for user

No relevant information available

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

Section 15: Regulatory information

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

No relevant information available at this time

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

Section 16: Other information

Full list of precautionary phrases

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe fumes.
P264	Wash hands thoroughly after handling
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water.

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P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P304+P312 IF INHALED: Call a POISON CENTRE if you feel unwell.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 IF IN EYES:

P308+P313 IF exposed or concerned: Get medical advice.

P310 Immediately call a POISON CENTRE.

P333+P313 If skin irritation or rash occurs: Get medical advice.

P351 Rinse cautiously with water for several minutes.

P362+P364 Take off contaminated clothing and wash it before reuse.

P363 Wash contaminated clothing before reuse.

P391 Collect spillage.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents/container to contents and container.

Wording of any hazard classes listed in section 3

FL 3 Flammable liquid, category 3

ATO 4 Acute toxicity, oral, category 4

AH 1 Aspiration hazard, category 1

SCI 1B Skin corrosion/irritation, category 1B

SCI 2 Skin corrosion/irritation, category 2

SS 1B Skin sensitisation, category 1B

EDI 1 Eye damage/irritation, category 1

EDI 2 Eye damage/irritation, category 2

ATI 4 Acute toxicity, inhalation, category 4

REP 2 Reproductive toxicity, category 2

EH A1 Aquatic hazard, acute, category 1

EH C1 Aquatic hazard, long term, category 1

EH C2 Aquatic hazard, long term, category 2

EH C3 Aquatic hazard, long term, category 3

Wording of any hazard statements listed in section 3

H226 Flammable liquid and vapour

H302 Harmful if swallowed

H304 May be fatal if swallowed and enters airways

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07 Feb 2023

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Version 6 Revised 12/11/2020 10:29:43

H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
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
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

References and further information

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