

CHEMICAL SAFETY DATA SHEET
according to 2020/878/EC (1907/2006/EC Article 31)

2297601

Reviewed on: 15.12.2022
Printing date: 15.12.2022

SECTION 01: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Trade name:
THYME Thymol SPAIN ORG OIL
- Article number:
B924
- CAS Number:
8007-46-3
- EC Number:
285-397-0
- No CAS EINECS:
85085-75-2

1.2 Relevant identified uses of the substance or mixture and uses advised against
Application of the substance / the preparation
Only for industrial use

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:
GOLGEMMA TEL: +33(0)4.68.74.17.89
Route de FA email: fds@golgemma.com
11260 ESPERAZA
FRANCE

1.4 Emergency telephone number:
FR-ORFILA (INRS):+33(0)1 45 42 59 59

SECTION 02: Hazards identification

2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008



GHS05

Skin Corr. 1A - H314 Causes severe skin burns and eye damage.
Eye Dam. 1 - H318 Causes serious eye damage.



GHS08

Asp. Tox. 1 - H304 May be fatal if swallowed and enters airways.



GHS02

Flam. Liq. 3 - H226 Flammable liquid and vapour.



GHS07

Acute Tox. 4 - H302 Harmful if swallowed.
Skin Sens. 1 - H317 May cause an allergic skin reaction.



GHS09

Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects.

2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008
- Hazard pictograms

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GHS05 GHS08 GHS02 GHS07 GHS09

- Signal word
Danger

- Hazard statements

- * H226 Flammable liquid and vapour.
- * H302 Harmful if swallowed.
- * H304 May be fatal if swallowed and enters airways.
- * H314 Causes severe skin burns and eye damage.
- * H317 May cause an allergic skin reaction.
- H411 Toxic to aquatic life with long lasting effects.

- Precautionary statements

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 Keep container tightly closed.
- P240 Ground and bond container and receiving equipment.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.

2.3 Other hazards

- Results of PBT and vPvB assessment
- PBT:
Not applicable.
- vPvB:
Not applicable.
- Determination of endocrine-disrupting properties
- * Substance is not listed.

SECTION 03: Composition/information on ingredients

3.1 Substances

CAS No. Description

8007-46-3 Thymus zygis L.

- Identification number(s)
- EC number:
285-397-0

• Dangerous components:

CAS Number		%
89-83-8	thymol EC number: 201-944-8 Skin Corr. 1B - H314, Eye Dam. 1 - H318; Acute Tox. 4 - H302; Aquatic Chronic 2 - H411	50,001-100
99-87-6	p-cymene EC number: 202-796-7 Acute Tox. 3 - H331; Asp. Tox. 1 - H304; Flam. Liq. 3 - H226; Aquatic Chronic 2 - H411	20,001-50,00
99-85-4	p-Mentha-1,4-diene EC number: 202-794-6 Asp. Tox. 1 - H304; Flam. Liq. 3 - H226	10,001-20,00
499-75-2	carvacrol EC number: 207-889-6 Acute Tox. 4 - H302, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1B -	10,001-20,00

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*		H317	
*	78-70-6	Linalool	5,001-10,00
*		EC number: 201-134-4	
*		⚠ Skin Irrit. 2 - H315, Eye Irrit. 2 -	
*		H319, Skin Sens. 1B - H317	
*	76-22-2	1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	1,001- 5,00
*		EC number: 200-945-0	
*		⚠ Flam. Sol. 2 - H228; ⚠ Acute Tox.	
*		4 - H302, Acute Tox. 4 - H332; ⚠ STOT SE	
*		2 - H371	
*	562-74-3	4-Carvomenthenol	1,001- 5,00
*		EC number: 209-235-5	
*		⚠ Acute Tox. 4 - H302, Skin Irrit. 2 -	
*		H315, Eye Irrit. 2 - H319	
*	79-92-5	camphene	1,001- 5,00
*		EC number: 201-234-8	
*		⚠ Flam. Sol. 1 - H228; ⚠ Aquatic	
*		Acute 1 - H400, Aquatic Chronic 1 - H410	
*	87-44-5	beta-Caryophyllene	1,001- 5,00
*		EC number: 201-746-1	
*		⚠ Asp. Tox. 1 - H304; ⚠ Skin Sens.	
*		1B - H317	
*	123-35-3	Myrcene	1,001- 5,00
*		EC number: 204-622-5	
*		⚠ Asp. Tox. 1 - H304; ⚠ Flam. Liq. 3	
*		- H226; ⚠ Skin Irrit. 2 - H315, Eye	
*		Irrit. 2 - H319	
*	99-83-2	Alpha phellandrene	1,001- 5,00
*		EC number: 202-792-5	
*		⚠ Asp. Tox. 1 - H304; ⚠ Flam. Liq. 3	
*		- H226	
*	80-56-8	pin-2(3)-ene	1,001- 5,00
*		EC number: 201-291-9	
*		⚠ Asp. Tox. 1 - H304; ⚠ Flam. Liq. 3	
*		- H226; ⚠ Acute Tox. 4 - H302, Skin	
*		Irrit. 2 - H315, Skin Sens. 1B - H317	
*	99-86-5	1-isopropyl-4-methylcyclohexa-1,3-diene	1,001- 5,00
*		EC number: 202-795-1	
*		⚠ Asp. Tox. 1 - H304; ⚠ Flam. Liq. 3	
*		- H226; ⚠ Acute Tox. 4 - H302, Skin	
*		Sens. 1 - H317; ⚠ Aquatic Chronic 2 -	
*		H411	
*		Oral: ATE = 1680 mg/kg	
*	470-82-6	Eucalyptol	1,001- 5,00
*		EC number: 207-431-5	
*		⚠ Flam. Liq. 3 - H226; ⚠ Skin Sens.	
*		1B - H317	
*	98-55-5	p-menth-1-en-8-ol	1,001- 5,00
*		EC number: 202-680-6	
*		⚠ Skin Irrit. 2 - H315, Eye Irrit. 2 -	

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*		H319	
*	5989-27-5	d-limonene	1,001- 5,00
*		EC number: 227-813-5	
*		Asp. Tox. 1 - H304; Flam. Liq. 3	
*		- H226; Skin Irrit. 2 - H315, Skin	
*		Sens. 1B - H317; Aquatic Acute 1 -	
*		H400; Aquatic Chronic 3 - H412	
*	555-10-2	beta-Phellandrene	0,101-1,00
*		EC number: 209-081-9	
*		Asp. Tox. 1 - H304; Flam. Liq. 3	
*		- H226	
*	586-62-9	Terpinolene	0,101-1,00
*		EC number: 209-578-0	
*		Asp. Tox. 1 - H304; Skin Sens.	
*		1B - H317; Aquatic Acute 1 - H400,	
*		Aquatic Chronic 1 - H410	
*	1139-30-6	Caryophyllene oxide	0,101-1,00
*		EC number: 214-519-7	
*		Aquatic Chronic 2 - H411	
*	127-91-3	beta-Pinene	0,101-1,00
*		EC number: 204-872-5	
*		Asp. Tox. 1 - H304; Flam. Liq. 3	
*		- H226; Skin Irrit. 2 - H315, Skin	
*		Sens. 1B - H317	
*	115-95-7	Linalyl acetate	0,101-1,00
*		EC number: 204-116-4	
*		Skin Irrit. 2 - H315, Eye Irrit. 2 -	
*		H319, Skin Sens. 1 - H317	
*	3391-86-4	1-Octen-3-ol	0,101-1,00
*		EC number: 222-226-0	
*		Acute Tox. 4 - H302, Acute Tox. 4 -	
*		H332, Skin Irrit. 2 - H315, Eye Irrit. 2 -	
*		H319; Aquatic Acute 1 - H400	
*	13466-78-9	delta-3-Carene	0,101-1,00
*		EC number: 236-719-3	
*		Asp. Tox. 1 - H304; Flam. Liq. 3	
*		- H226; Skin Irrit. 2 - H315, Skin	
*		Sens. 1B - H317	
*	106-24-1	geraniol	0,101-1,00
*		EC number: 203-377-1	
*		Eye Dam. 1 - H318; Skin Irrit. 2	
*		- H315, Skin Sens. 1 - H317	

SECTION 04: First aid measures

4.1 Description of first aid measures

• General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Seek immediate medical advice.

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- *
- After inhalation:
In case of unconsciousness place patient stably in side position for transportation.
 - After skin contact:
If skin irritation continues, consult a doctor.
Immediately wash with water and soap and rinse thoroughly.
 - After eye contact:
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
 - After swallowing:
Call for a doctor immediately.
Drink plenty of water and provide fresh air. Call for a doctor immediately.
 - Information for doctor:

4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

SECTION 05: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing agents:
CO₂, sand, extinguishing powder. Do not use water.
Use fire extinguishing methods suitable to surrounding conditions.
- For safety reasons unsuitable extinguishing agents:
Water with full jet

5.2 Special hazards arising from the substance or mixture
Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters

- Protective equipment:
Do not inhale explosion gases or combustion gases.
- Additional information
Cool endangered receptacles with water spray.

SECTION 06: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Keep away from ignition sources.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 07: Handling and storage

7.1 Precautions for safe handling

Keep receptacles tightly sealed.
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.
Handle with care. Avoid jolting, friction and impact.

- Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

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7.2 Conditions for safe storage, including any incompatibilities

Storage:

- Requirements to be met by storerooms and receptacles:
Store only in the original receptacle.
Prevent any seepage into the ground.
Use only receptacles specifically permitted for this substance/ product.
- * • Information about storage in one common storage facility:
Not required.
- Further information about storage conditions:
Keep container tightly sealed.
Protect from heat and direct sunlight.
Store receptacle in a well ventilated area.

7.3 Specific end use(s)

No further relevant information available.

SECTION 08: Exposure controls/personal protection

8.1 Control parameters

- Ingredients with limit values that require monitoring at the workplace:
Not required.
- Additional information:
The lists valid during the making were used as basis.

8.2 Exposure controls

- Individual protection measures, such as personal protective equipment
- General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the skin.
Avoid contact with the eyes.
- Respiratory protection:
Use suitable respiratory protective device in case of insufficient ventilation.
- Protection of hands:
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
- Material of gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye/face protection
Safety glasses

SECTION 09: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Fluid
Colour:	yellow to brown
Odour:	agrestic
Odour threshold:	Not determined.
Boiling point or initial boiling point and boiling range	Not determined.
Flammability	Not determined.
Lower and upper explosion limit	
Lower:	Not determined.

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*	Upper:	Not determined.
	Flash point:	60,0 °C NFT 60-103 CC
*	Decomposition temperature:	Not determined.
*	pH	Not determined.
	Viscosity:	
*	Kinematic viscosity	Not determined.
*	Dynamic:	Not determined.
	Solubility	
	water:	Not determined.
	Partition coefficient n-octanol/water (log value)	Not determined.
	Vapour pressure:	Not determined.
	Density and/or relative density	
	Density:	Not determined.
*	Relative density	0,9100 0,937 D20/20
*	Vapour density	Not determined.
	9.2 Other information	No further relevant information available.
	Appearance:	
	Form:	fluid
	Important information on protection of health and environment, and on safety.	
	Auto-ignition temperature:	Not determined.
	Explosive properties:	Not determined.
	Solvent content:	
*	Solids content:	0,00 %
	Change in condition	
*	Evaporation rate	Not determined.
	Information with regard to physical hazard classes	
*	Explosives	not applicable
*	Flammable gases	not applicable
*	Aerosols	not applicable
*	Oxidising gases	not applicable
*	Gases under pressure	not applicable
*	Flammable liquids	Flammable liquid and vapour.
*	Flammable solids	not applicable
*	Self-reactive substances and mixtures	not applicable
*	Pyrophoric liquids	not applicable
*	Pyrophoric solids	not applicable
*	Self-heating substances and mixtures	not applicable
*	Substances and mixtures, which emit flammable gases in contact with water	not applicable
*	Oxidising liquids	not applicable
*	Oxidising solids	not applicable
*	Organic peroxides	not applicable
*	Corrosive to metals	not applicable
*	Desensitised explosives	not applicable

* **SECTION 10: Stability and reactivity**

10.1 Reactivity
No further relevant information available.

10.2 Chemical stability

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10.3 Possibility of hazardous reactions
No dangerous reactions known.

10.4 Conditions to avoid
No further relevant information available.

10.5 Incompatible materials:
No further relevant information available.

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
Harmful if swallowed.

*

LD/LC50 values relevant for classification:

ISO LD/LC

8007-46-3 Thymus zygis L.
Oral, LD50: 980 mg/kg (rat) (Data from handbook considered reliable by ECHA)

89-83-8 thymol
Oral, LD50: 980 mg/kg (rat)

499-75-2 carvacrol
Oral, LD50: 810 mg/kg (rat)

78-70-6 Linalool
Oral, LD50: 2790 mg/kg (rat)
Dermal, LD50: 5610 mg/kg (Rabbit)

76-22-2 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one
Oral, LD50: >5000 mg/kg (rat) (Opdyke 1978)
Dermal, LD50: >1000 mg/kg (mouse) (NTP 1998)

79-92-5 camphene
Oral, LD50: 5000 mg/kg (rat)
Dermal, LD50: 2500 mg/kg (Rabbit)

87-44-5 beta-Caryophyllene
Oral, LD50: > 5000 mg/kg (rat) (Hart and Wong 1971)

*

99-83-2 Alpha phellandrene
Oral, LD50: > 5700 mg/kg (rat) (Moreno 1972)

*

99-86-5 p-mentha-1,3-diene
Oral, LD50: 1680 mg/kg (ATE)

*

470-82-6 Eucalyptol
Oral, LD50: 3849 mg/kg (mouse) (Jiao Xu, 2014)

*

98-55-5 p-menth-1-en-8-ol
Oral, LD50: 4300 mg/kg (rat)

*

5989-27-5 (R)-p-mentha-1,8-diene
Oral, LD50: 4400 mg/kg (rat)

*

1139-30-6 Caryophyllene oxide
Oral, LD50: >5000 mg/kg (rat) (Moreno 1978)

*

3391-86-4 1-Octen-3-ol
Oral, LD50: 340 mg/kg (rat)
Dermal, LD50: 3300 mg/kg (Rabbit)

*

13466-78-9 delta-3-Carene
Oral, LD50: 4800 mg/kg (rat) (Moreno 1975)

*

- Primary irritant effect:
 - Skin corrosion/irritation

8007-46-3 Thymus zygis L.
Irritation of skin, OECD 404 DRAIZE: IRRITANT (Rabbit) (OECD Guideline 404 (2000 , 2008)

Strong caustic effect on skin and mucous membranes.
Causes severe skin burns and eye damage.

*

- Serious eye damage/irritation

8007-46-3 Thymus zygis L.

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- Irritation of eyes, OECD 405 DRAIZE: CORROSIVE (in vitro) (OECD Guideline 405 (2000,2008)
 Strong caustic effect.
 Strong irritant with the danger of severe eye injury.
 Causes serious eye damage.
- *
 - Respiratory or skin sensitisation
- 8007-46-3 Thymus zygis L.**
 Dermal, OECD 429 LLNA: SENSITIZER (mouse) (OECD Guideline 429 (2015)
 Sensitization possible through skin contact.
- Germ cell mutagenicity
- 8007-46-3 Thymus zygis L.**
 OECD 471 AMES: NEGATIVE (in vitro) (OECD Guideline 471 (2009)
- 78-70-6 Linalool**
 OECD 471 AMES: NEGATIVE (in vitro) (Letizia and al., 2007)
- 76-22-2 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one**
 OECD 471 AMES: NEGATIVE (in vitro) (Anderson and Styles 1978)
- 87-44-5 beta-Caryophyllene**
 OECD 471 AMES: NEGATIVE (in vitro) (Heck and al., 1989)
- 470-82-6 Eucalyptol**
 OECD 471 AMES: NEGATIVE (in vitro) (Haworth, 1983)
- 1139-30-6 Caryophyllene oxide**
 OECD 471 AMES: NEGATIVE (in vitro) (Richold and al, 1979)
- 115-95-7 Linalyl acetate**
 OECD 471 AMES: NEGATIVE (in vitro) (RIFM 1989)
- Carcinogenicity
- 78-70-6 Linalool**
 Micronoyau: NEGATIVE (mouse) (in vivo, Letizia and al., 2007)
 Micronoyau: NEGATIVE (in vitro) (DiSotto and al., 2011)
- 76-22-2 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one**
 Micronoyau: NEGATIVE (mouse) (NTP 1999)
- Reproductive toxicity
 Not determined.
 - STOT-single exposure
 Not determined.
 - STOT-repeated exposure
 Not determined.
 - *
 - Aspiration hazard
 - *
 - May be fatal if swallowed and enters airways.
 - *
 - May be fatal if swallowed and enters airways.
 - Subacute to chronic toxicity:
- 78-70-6 Linalool**
 Oral, NOAEL: 200 mg/kg (rat) (maternal toxicity, Politano and al., 2008)
- 76-22-2 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one**
 Oral, NOAEL: >800 mg/kg (rat) (fetal toxicity GD 6 to 15, NTP 1992)
- 87-44-5 beta-Caryophyllene**
 Oral, NOAEL: 700 mg/kg (rat) (90 days Schmitt 2016)
- Additional toxicological information:
 Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.
- 11.2 Information on other hazards
- Endocrine disrupting properties
 - *
 - Substance is not listed.

SECTION 12: Ecological information

- *
 - 12.1 Toxicity
 - Aquatic toxicity:
 - 8007-46-3 Thymus zygis L.**
 CE50/48h: 0,772 mg/l (daphnia) (QSAR model (2012)
 ErC50(0-72h): 2,34 mg/l (algae) (QSAR model accepted by OECD (2012)
 - 99-87-6 p-cymene**
 LD50: 1,63 mg/l (fish) (OECD 203)
 - 78-70-6 Linalool**

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LD50: 27,8 mg/l (fish) ((OECD 203) RIFM 1991)
ErC50(0-72h): 156,7 mg/l (algae)
ErC50(0-48h): 59 mg/l (daphnia) ((OECD 202)

76-22-2 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one

CE50/48h: 26,82 mg/l (daphnia)
ErC50(0-72h): 23,8 mg/l (algae)

123-35-3 Myrcene

LD50: 0,51 mg/l (fish) (OECD 203)
CE50/48h: 0,65 mg/l (daphnia)

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

LD50: 0,71 mg/l (fish) (OECD 203)

115-95-7 Linalyl acetate

ErC50(0-72h): 9,6 mg/l (algae) (RIFM 2015)
ErC50(0-48h): 15 mg/l (daphnia) (RIFM 2015)
96h-LC50: 11 mg/l (fish) (RIFM 1998)

12.2 Persistence and degradability

No further relevant information available.

- Behaviour in environmental systems:
Not determined.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Results of PBT and vPvB assessment

- PBT:
Not applicable.
- vPvB:
Not applicable.

12.6 Endocrine disrupting properties

* The product does not contain substances with endocrine disrupting properties.

12.6 Other adverse effects

No further relevant information available.

- Ecotoxicological effects:
Not determined.
- Remark:
Toxic for fish

*

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Recommendation
Must be specially treated adhering to official regulations.
- Uncleaned packaging:
Recommendation:
Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN number or ID number

ADR UN2924

IMDG UN2924

IATA UN2924

14.2 UN proper shipping name

ADR 2924 FLAMMABLE LIQUID, CORROSIVE, N.O.S. (THYMUS ZYGIS L.)

IMDG FLAMMABLE LIQUID, CORROSIVE, N.O.S. (THYMUS ZYGIS L.)

IATA FLAMMABLE LIQUID, CORROSIVE, N.O.S. (THYMUS ZYGIS L.)

14.3 Transport hazard class(es)

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ADR
Class 3 (FC) Flammable liquids.
Label



IMDG
Class 3 Flammable liquids.
Label



IATA
Class 3 Flammable liquids.
Label



14.4 Packing group
ADR III
IMDG III
IATA III

14.5 Environmental hazards:
Marine pollutant: Yes

14.6 Special precautions for user
Warning: Flammable liquids.
Danger code (Kemler): 38
EMS Number: F-E,S-C

14.7 Maritime transport in bulk according to IMO instruments
Not applicable.

• Transport/Additional information:
Not applicable.

ADR
Excepted quantities (EQ): E1
Limited quantities (LQ) 5L
Transport category 3
Tunnel restriction code D/E

IMDG
Limited quantities (LQ) 5L
Excepted quantities (EQ) E1

• UN "Model Regulation":
UN 2924 FLAMMABLE LIQUID, CORROSIVE, N.O.S. (THYMUS ZYGIS L.), 3 (8), III, ENVIRONMENTALLY HAZARDOUS

EU

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CHEMICAL SAFETY DATA SHEET
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2297601

Reviewed on: 15.12.2022
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PRODUCT : THYME Thymol SPAIN ORG OIL

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* **SECTION 15: Regulatory information**

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

- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II

* Substance is not listed.

- REGULATION (EU) 2019/1148
- Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

* Substance is not listed.

- Annex II - REPORTABLE EXPLOSIVES PRECURSORS

* Substance is not listed.

- Regulation (EC) No 273/2004 on drug precursors

* Substance is not listed.

- Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

* Substance is not listed.

- National regulations:

- Technical instructions (air):

- Class Share in %

* I 5,00

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

The information in this safety data sheet is based on the state of our knowledge at the date indicated. The information in this sheet must be regarded as a description of the safety requirements for the product, they are not to be considered a warranty or quality specification and have no contractual value on properties and application areas thereof. The information contained in this safety data sheet relate to the specific material designated and may not be valid with respect to the product associated with another product or process, unless it is specified in the text of this document.

The required information complies with EU regulations in force. It does not exempt the user from knowing and applying all the national regulations in force.

- Relevant phrases

H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
* 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.
* H331	Toxic if inhaled.
H332	Harmful if inhaled.
H371	May cause damage to organs.
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.

- Training hints

Minimum training in occupational risk prevention is recommended for personnel who will handle this product, in the purpose of facilitating the understanding and interpretation of this form of safety data in the same way as the labeling of the product.

- Abbreviations and acronyms:

IFRA:International Fragrance Association IOFI:International Organization of the Flavor Industry IFRA:International Fragrance Association IOFI:International Organization of the Flavor Industry
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

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CHEMICAL SAFETY DATA SHEET
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PRODUCT : THYME Thymol SPAIN ORG OIL*(continued of page 12)*

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation DOT: US Department of Transportation
IATA: International Air Transport Association IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation ICAO: International Civil Aviation Organisation
GHS: Globally Harmonised System of Classification and Labelling of Chemicals GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society) CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative vPvB: very Persistent and very Bioaccumulative
CE50: effective concentration at 50% ErC50: concentration of test substance which results in a 50 percent reduction in either growth rate (ErC50) relative to the control within 72hrs exposure.

- Sources
IFRA/IOFI Labelling Manual, REACH registration dossier, supplier information
- * Data compared to the previous version altered.