



# BASIL OIL OCIMUM GRATISSIMUM

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue:9/15/2014 Revision date:12/16/2016:

Version: 1.1

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Substance  
Substance name : BASIL OIL OCIMUM GRATISSIMUM  
EC no : 294-822-9  
CAS No : 91770-38-6  
Product code : BASHE04  
Product group : Essential oil

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

##### 1.2.1. Relevant identified uses

Main use category : Industrial use  
Industrial/Professional use spec : Industrial  
For professional use only

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

EXAFLOR  
5 rue des Pyrénées  
94653 Rungis Cedex - France  
T +33 (0)1 41 73 23 10 - F +33 (0)1 41 73 23 19  
[exaflor@orange.fr](mailto:exaflor@orange.fr) - [www.exaflor.fr](http://www.exaflor.fr)

#### 1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
	ORFILA (FRANCE)		+33 1 45 42 59 59	

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 3 H226  
Acute toxicity (oral), Category 4 H302  
Skin corrosion/irritation, Category 1B H314  
Sensitisation — Skin, Category 1 H317  
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation H335  
Aspiration hazard, Category 1 H304  
Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411

Full text of H statements : see section 16

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Hazard statements (CLP) :

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  
H335 - May cause respiratory irritation  
H411 - Toxic to aquatic life with long lasting effects

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Precautionary statements (CLP)	: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P241 - Use explosion-proof ventilating equipment P260 - Do not breathe fume, dust, vapours, gas P271 - Use only outdoors or in a well-ventilated area P273 - Avoid release to the environment P280 - Wear protective gloves, protective clothing, eye protection P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P312 - Call a POISON CENTER, a doctor if you feel unwell P330 - Rinse mouth P331 - Do NOT induce vomiting P333+P313 - If skin irritation or rash occurs: Get medical advice/attention P370+P378 - In case of fire: Use extinguishing powder, carbon dioxide (CO <sub>2</sub> ), sand to extinguish P391 - Collect spillage P403+P233 - Store in a well-ventilated place. Keep container tightly closed P405 - Store locked up P501 - Dispose of contents/container to contents/container to agreed companies according to national regulations
Child-resistant fastening	: No
Tactile warning	: No

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Name	: BASIL OIL OCIMUM GRATISSIMUM
CAS No	: 91770-38-6
EC no	: 294-822-9

Name	Product identifier	%
THYMOL	(CAS No) 89-83-8 (EC no) 201-944-8 (EC index no) 604-032-00-1	25 - 35
GAMMA-TERPINENE + TRANS-BETA-OCIMENE	(CAS No) 99-85-4 + 13877-91-3 (EC no) 202-794-6 + 237-641-2	20 - 30
P-CYMENE	(CAS No) 99-87-6 (EC no) 202-796-7	7 - 15
MYRCENE	(CAS No) 123-35-3 (EC no) 204-622-5	3 - 7
ALPHA-TERPINENE	(CAS No) 99-86-5 (EC no) 202-795-1	1 - 5
BISABOLENE	(CAS No) 495-62-5 (EC no) 207-805-8	1 - 4
BETA-CARYOPHYLLENE	(CAS No) 87-44-5 (EC no) 201-746-1	1 - 4
D-LIMONENE	(CAS No) 5989-27-5 (EC no) 227-813-5 (EC index no) 601-029-00-7	<= 3
ESTRAGOLE (METHYL CHAVICOL)	(CAS No) 140-67-0 (EC no) 205-427-8	<= 0.5
EUGENOL	(CAS No) 97-53-0 (EC no) 202-589-1	<= 0.5
LINALOOL	(CAS No) 78-70-6 (EC no) 201-134-4	<= 0.5
GERANIOL	(CAS No) 106-24-1 (EC no) 203-377-1	<= 0.2

Full text of H-statements: see section 16

### 3.2. Mixture

Not applicable

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell.
- First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see ... on this label). Wash contaminated clothing before reuse.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell. Immediately call a POISON CENTER or doctor/physician.

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

- Symptoms/injuries : Causes severe skin burns and eye damage.
- Symptoms/injuries after inhalation : May cause an allergic skin reaction. May cause respiratory irritation.
- Symptoms/injuries after ingestion : Swallowing a small quantity of this material will result in serious health hazard. May be fatal if swallowed and enters airways.

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

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Flammable liquid and vapour.
- Explosion hazard : May form flammable/explosive vapour-air mixture.

#### 5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

##### 6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
- Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Do not breathe Fumes, vapours. Avoid breathing Fumes, vapours. Use only outdoors or in a well-ventilated area.

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Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof ventilating equipment. Comply with applicable regulations.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources. Keep container tightly closed.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

Maximum storage period : 24 months

Storage temperature : <= 18 °C

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear protective gloves

Eye protection : Chemical goggles or face shield

Skin and body protection : Wear suitable protective clothing

Respiratory protection : Wear respiratory protection

Other information : Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Liquid mobile.

Colour : light yellow.

Odour : characteristic.

Odour threshold : No data available

pH : No data available

Relative evaporation rate (butylacetate=1) : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : No data available

Flash point : 55 °C

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : Flammable liquid and vapour

Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

Relative density : 0.885 - 0.915

Solubility : Insoluble in water. Soluble in. alcohol.

Log Pow : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosive properties : No data available

Oxidising properties : No data available

Explosive limits : No data available

### 9.2. Other information

VOC content : ~ 20 %

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Refractive index : 1.475 - 1.501

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Thermal decomposition generates : Corrosive vapours.

#### 10.2. Chemical stability

Not established. Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

#### 10.5. Incompatible materials

Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. May release flammable gases. Thermal decomposition generates : Corrosive vapours.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Oral: Harmful if swallowed.

THYMOL (89-83-8)	
LD50 oral rat	980 mg/kg
P-CYMENE (99-87-6)	
LD50 oral rat	4750 mg/kg
LD50 dermal rabbit	5000
MYRCENE (123-35-3)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
ALPHA-TERPINENE (99-86-5)	
LD50 oral rat	1680 mg/kg
BISABOLENE (495-62-5)	
LD50 oral rat	> 5000 mg/kg Food and Cosmetics Toxicology. Vol. 13, Pg. 725, 1975
LD50 dermal rabbit	> 5000 mg/kg Food and Cosmetics Toxicology. Vol. 13, Pg. 725, 1975
D-LIMONENE (5989-27-5)	
LD50 oral rat	4400 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
EUGENOL (97-53-0)	
LD50 oral rat	1930 mg/kg
LC50 inhalation rat (ppm)	> 384 ppmv/4h
ESTRAGOLE (METHYL CHAVICOL) (140-67-0)	
LD50 oral rat	1230 mg/kg
LD50 oral	1250 mg/kg mouse
LD50 dermal rabbit	> 5000 mg/kg
LINALOOL (78-70-6)	
LD50 oral rat	2790 mg/kg
LD50 oral	3120 mg/kg LD50 oral mouse
LD50 dermal rabbit	5610 mg/kg
GERANIOL (106-24-1)	
LD50 oral rat	3600 mg/kg
LD50 dermal rabbit	> 5000 mg/kg

Skin corrosion/irritation : Causes severe skin burns and eye damage.  
Serious eye damage/irritation : Serious eye damage, category 1, implicit  
Respiratory or skin sensitisation : May cause an allergic skin reaction.  
Germ cell mutagenicity : Not classified  
Based on available data, the classification criteria are not met  
Carcinogenicity : Not classified  
Based on available data, the classification criteria are not met

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Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: May be fatal if swallowed and enters airways.
Potential adverse human health effects and symptoms	: Harmful if swallowed.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - water : Toxic to aquatic life with long lasting effects.

<b>THYMOL (89-83-8)</b>	
LC50 fish 1	Average 3.7 (3.2 - 4.2) mg/l Pimephales promela (fathead minnow) - 96h
EC50 Daphnia 1	Average 2.5 (1.7 - 3.2) mg/l EC50 (Daphnia Magna) - 96h
<b>P-CYMENE (99-87-6)</b>	
LC50 fish 1	48 mg/l 96H -Cyprinodon variegatus (Sheep shead minnow)
EC50 Daphnia 1	6.5 mg/l EC50 48h - Daphnia magna [mg/l]
ErC50 (algae)	4.03 mg/l 72h - Scenedesmus capricornutum (Fresh water algae)
<b>ALPHA-TERPINENE (99-86-5)</b>	
LC50 fish 1	3.15 mg/l LC50 96h fish - Pimephales promela (fathead minnow)
EC50 Daphnia 1	1.85 mg/l EC50 48h - Daphnia magna [mg/l]
<b>D-LIMONENE (5989-27-5)</b>	
LC50 fish 1	0.702 mg/l Pimephales promela (fathead minnow) -96h
EC50 Daphnia 1	69.6 daphnia - 48h
<b>EUGENOL (97-53-0)</b>	
LC50 fish 1	13 mg/l Brachydanio rerio (zebra-fish) - 96h
EC50 Daphnia 1	1.13 mg/l EC50 48h - Daphnia magna [mg/l]
<b>LINALOOL (78-70-6)</b>	
LC50 fish 1	27.8 mg/l EC 50 (fish : rainbow trout) : - 96h
LC50 other aquatic organisms 1	88.3 mg/l Desmodesmus subspicatus (green algae) - 96h
EC50 Daphnia 1	59 mg/l EC50 48h - Daphnia magna [mg/l]
NOEC chronic fish	3.5 mg/l Oncorhynchus mykiss (Rainbow trout)- 96h
NOEC chronic crustacea	25 mg/l daphnia - 48h
<b>GERANIOL (106-24-1)</b>	
LC50 fish 1	env. 22 mg/l Brachydanio rerio (zebra-fish) - 96h
EC50 Daphnia 1	10.8 mg/l EC50 48h - Daphnia magna [mg/l]
EC50 other aquatic organisms 1	13.1 mg/l Desmodesmus subspicatus (green algae) -72h

### 12.2. Persistence and degradability

<b>BASIL OIL OCIMUM GRATISSIMUM (91770-38-6)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>THYMOL (89-83-8)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>P-CYMENE (99-87-6)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	100 %
<b>MYRCENE (123-35-3)</b>	
Persistence and degradability	Not established.
<b>ALPHA-TERPINENE (99-86-5)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>BISABOLENE (495-62-5)</b>	
Persistence and degradability	Not established.
<b>BETA-CARYOPHYLLENE (87-44-5)</b>	
Persistence and degradability	Not established.

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<b>D-LIMONENE (5989-27-5)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>EUGENOL (97-53-0)</b>	
Persistence and degradability	Readily biodegradable. May cause long-term adverse effects in the environment.
<b>ESTRAGOLE (METHYL CHAVICOL) (140-67-0)</b>	
Persistence and degradability	Not established.
<b>LINALOOL (78-70-6)</b>	
Persistence and degradability	Readily biodegradable. Not established.
Biodegradation	100 % 13 DAYS- ZAHN-WELLENS TEST OECD N° 302 B
<b>GERANIOL (106-24-1)</b>	
Persistence and degradability	Readily biodegradable. Not established.
Biodegradation	80 - 100 % aérobic, Exposure duration 3 days
<b>12.3. Bioaccumulative potential</b>	
<b>BASIL OIL OCIMUM GRATISSIMUM (91770-38-6)</b>	
Bioaccumulative potential	Not established.
<b>THYMOL (89-83-8)</b>	
Log Kow	3.3
Bioaccumulative potential	Not established.
<b>P-CYMENE (99-87-6)</b>	
Log Kow	4.1
<b>MYRCENE (123-35-3)</b>	
Log Kow	4.17
Bioaccumulative potential	Not established.
<b>ALPHA-TERPINENE (99-86-5)</b>	
Log Pow	4.25
Bioaccumulative potential	Not established.
<b>BISABOLENE (495-62-5)</b>	
Bioaccumulative potential	Not established.
<b>BETA-CARYOPHYLLENE (87-44-5)</b>	
Bioaccumulative potential	Not established.
<b>D-LIMONENE (5989-27-5)</b>	
Bioaccumulative potential	Not established.
<b>EUGENOL (97-53-0)</b>	
Log Pow	2.7
Log Kow	2.27
Bioaccumulative potential	Not established.
<b>ESTRAGOLE (METHYL CHAVICOL) (140-67-0)</b>	
Log Kow	3.47
Bioaccumulative potential	Not established.
<b>LINALOOL (78-70-6)</b>	
Log Pow	2.97
Bioaccumulative potential	Not established.
<b>GERANIOL (106-24-1)</b>	
Log Pow	2.5 at 25 °C
Bioaccumulative potential	Not established.

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Additional information : Avoid release to the environment

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to ...
Additional information	: Handle empty containers with care because residual vapours are flammable.
Ecology - waste materials	: Avoid release to the environment. Hazardous waste due to toxicity.

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

#### 14.1. UN number

UN-No. (ADR)	: 1169
UN-No. (IMDG)	: 1169
UN-No. (IATA)	: 1169
UN-No. (ADN)	: 1169
UN-No. (RID)	: 1169

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR)	: EXTRACTS, AROMATIC, LIQUID
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable
Transport document description (ADR)	: UN 1169 EXTRACTS, AROMATIC, LIQUID, 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS
Transport document description (IMDG)	: UN 1169, 3, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS

#### 14.3. Transport hazard class(es)

##### ADR

Transport hazard class(es) (ADR)	: 3
Danger labels (ADR)	: 3



##### IMDG

Transport hazard class(es) (IMDG)	: 3
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##### IATA

Transport hazard class(es) (IATA)	: 3
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##### ADN

Transport hazard class(es) (ADN)	: 3
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##### RID

Transport hazard class(es) (RID)	: 3
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Danger labels (RID) : 3



### 14.4. Packing group

Packing group (ADR) : III  
Packing group (IMDG) : Not applicable  
Packing group (IATA) : Not applicable  
Packing group (ADN) : Not applicable  
Packing group (RID) : Not applicable

### 14.5. Environmental hazards

Dangerous for the environment : Yes  
Marine pollutant : Yes  
Other information : No supplementary information available

### 14.6. Special precautions for user

#### - Overland transport

Classification code (ADR) : F1  
Special provisions (ADR) : 601, 640E  
Limited quantities (ADR) : 5I  
Excepted quantities (ADR) : E1  
Vehicle for tank carriage : FL  
Transport category (ADR) : 3  
Hazard identification number (Kemler No.) : 30  
Orange plates :



Tunnel restriction code (ADR) : D/E

#### - Transport by sea

No data available

#### - Air transport

No data available

#### - Inland waterway transport

No data available

#### - Rail transport

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008

BASIL OIL OCIMUM GRATISSIMUM - P-CYMENE - MYRCENE - EUGENOL - ESTRAGOLE (METHYL CHAVICOL) - BISABOLENE - ALPHA-TERPINENE - GAMMA-TERPINENE + TRANS-BETA-OCIMENE - LINALOOL - D-LIMONENE - GERANIOL

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40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.

BASIL OIL OCIMUM GRATISSIMUM - P-CYMENE - MYRCENE - ALPHA-TERPINENE - GAMMA-TERPINENE + TRANS-BETA-OCIMENE - D-LIMONENE

BASIL OIL OCIMUM GRATISSIMUM is not on the REACH Candidate List

Contains no substance on the REACH candidate list

BASIL OIL OCIMUM GRATISSIMUM is not on the REACH Annex XIV List

Contains no REACH Annex XIV substances

VOC content : ~ 20 %

### 15.1.2. National regulations

#### Germany

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Muta. 2	Germ cell mutagenicity, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
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
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H341	Suspected of causing genetic defects
H351	Suspected of causing cancer
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

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*