

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 12/19/2019 Revision date: 4/5/2022 Supersedes version of: 3/22/2019 Version: 1.0

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

1.1. Product identifier

Product form	:	Mixture
Product name	:	Lemongrass
UFI	:	9Q4T-3133-N008-HEUY
Type of product	:	Perfumes, fragrances
Product group	:	Trade product

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,Professional use
Industrial/Professional use spec	: For professional use only Industrial
Use of the substance/mixture	: Perfumes, fragrances
Function or use category	: Odour agents
1.2.2. Uses advised against	
No additional information available	

1.3. Details of the supplier of the safety data sheet

Forget Me Not Oils Calle Torrevieja 2, San Miguel de salinas www.forgetmenotoilseurope.com & forgetmenothf@gmail.com

1.4. Emergency telephone numb	er
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Emergency number

0034 711024907

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Conous by damago, by innation, Category 2	
Skin sensitisation, Category 1	H317
Aspiration hazard, Category 1	H304
Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Causes skin irritation. Causes serious eye irritation. May be fatal if swallowed and enters airways. Very toxic to aquatic life with long lasting effects. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.

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2.2. Label elements

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

Hazard pictograms (CLP)	
Signal word (CLP)	GHS07 GHS08 GHS09 : Danger
Contains	: Lemon terpenes, Citral, Cornmint oil (redist), Linalool, Peppermint oil america, Lemongrass
Contains	oil, Lime Oxide, 2-Buten-1-one, 1-(2,6,6-trimethyl-2-cyclohexen-1-yl)-, (E)-
Hazard statements (CLP)	: 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.
	H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P272 - Contaminated work clothing should not be allowed out of the workplace.
	P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
	P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove
	contact lenses, if present and easy to do. Continue rinsing.
	P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
	P337+P313 - If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Lemon terpenes	CAS-No.: 68917-33-9 EC-No.: 284-515-8;614-796-8	10 – 20	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Citral	CAS-No.: 5392-40-5 EC-No.: 226-394-6 EC Index-No.: 605-019-00-3 REACH-no: 01-2119462829- 23	10 – 20	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Hexamethylindanopyran	CAS-No.: 1222-05-5 EC-No.: 214-946-9 EC Index-No.: 603-212-00-7 REACH-no: 01-2119488227- 29	5 – 10	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Mentha arvensis oil	CAS-No.: 68917-18-0 EC-No.: 294-486-3	1.75 – 3.5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Linalool	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2 REACH-no: 01-2119474016- 42	0.75 – 1.5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Menthol Crystals	CAS-No.: 1490-04-6 EC-No.: 216-074-4	0.5 – 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319
1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	CAS-No.: 76-22-2 EC-No.: 200-945-0	0.5 – 1	Flam. Sol. 2, H228 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 2, H371 Aquatic Chronic 2, H411
Peppermint oil america	CAS-No.: 8006-90-4 EC-No.: 282-015-4;616-900-7 REACH-no: 01-2119974601- 36	0.25 – 0.5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
Lemongrass oil	CAS-No.: 8007-02-1 EC-No.: 616-903-3	0.25 – 0.5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Lime Oxide	CAS-No.: 73018-51-6 EC-No.: 277-225-8	0.15 – 0.3	Flam. Liq. 3, H226 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Damascone alpha- (E)-1-(2,6,6-Trimethyl-2- cyclohexen-1-yl)-2-buten-1-one (24720-09-0)	CAS-No.: 24720-09-0 EC-No.: 246-430-4	0.1 – 0.2	Acute Tox. 4 (Oral), H302 Skin Sens. 1B, H317 Aquatic Chronic 2, H411

Full text of H- and EUH-statements: see section 16

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). Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Wash with plenty of water/ Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Get medical advice/attention. Specific treatment (see Call a physician immediately on this label). If skin irritation or rash occurs: Get medical advice/attention. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Do not induce vomiting. Call a physician immediately.
4.2. Most important symptoms and effect	s, both acute and delayed
Symptoms/effects after inhalation	: May cause an allergic skin reaction.
Symptoms/effects after skin contact	: Causes skin irritation. Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.
Symptoms/effects after ingestion	: Risk of lung oedema.

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

Treat symptomatically.

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	Sand. Water spray. Dry powder. Foam. Carbon dioxide.Do not use a heavy water stream.
5.2. Special hazards arising from the subs	tance or mixture
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
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 the environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures		
6.1. Personal precautions, protections	ve equipment and emergency procedures	
6.1.1. For non-emergency personnel		
Emergency procedures	: Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.	
6.1.2. For emergency responders		
Protective equipment	: Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".	
Emergency procedures	: Ventilate area.	
6.2. Environmental precautions		

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

6.3. Methods and material for containment and cleaning up		
For containment	: Collect spillage.	
Methods for cleaning up	: Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.	
Other information	: Dispose of materials or solid residues at an authorized site.	
6.4. Reference to other sections		

See Section 8. Exposure controls and personal protection. For further information refer to section 13.

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SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. 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. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray.
Hygiene measures	: Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace.
7.2. Conditions for safe storage, including	any incompatibilities
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Store locked up. Store in a well-ventilated place. Keep cool.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight.
Storage temperature	: 25 °C
Storage area	: Store in a well-ventilated place. Store away from heat.
Special rules on packaging	: Store in a closed container.
Packaging materials	: Do not store in corrodable metal.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Citral (5392-40-5)			
Belgium - Occupational Exposure Limits			
OEL TWA	32 mg/m³ (vapor and aerosol)		
OEL TWA [ppm]	5 ppm (vapor and aerosol)		
OEL chemical category	Skin		
Ireland - Occupational Exposure Limits			
OEL TWA [2] 5 ppm			
OEL STEL [ppm] 15 ppm (calculated)			
Poland - Occupational Exposure Limits			
NDS (OEL TWA)	27 mg/m³		
NDSCh (OEL STEL)	54 mg/m³		
Portugal - Occupational Exposure Limits			
OEL TWA [ppm]	5 ppm		
OEL chemical category	Sensitizer, A4 - Not Classifiable as a Human Carcinogen, skin - potential for cutaneous exposure		
Spain - Occupational Exposure Limits			
VLA-ED (OEL TWA) [2]	5 ppm (inhalable fraction and vapor)		
OEL chemical category	Sensitizer, skin - potential for cutaneous absorption		

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Citral (5392-40-5)				
USA - ACGIH - Occupational Exposure Limits				
ACGIH OEL TWA [ppm]	5 ppm (inhalable fraction and vapor)			
ACGIH chemical category	Not Classifiable as a Human Carcinogen, Skin - potential significant contribution to overall exposure by the cutaneous route, dermal sensitizer			
1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (76-22-2)				
Austria - Occupational Exposure Limits				
MAK (OEL TWA)	13 mg/m³			
MAK (OEL TWA) [ppm]	2 ppm			
Belgium - Occupational Exposure Limits				
OEL TWA	12 mg/m³			
OEL TWA [ppm]	2 ppm			
OEL STEL	19 mg/m³			
OEL STEL [ppm]	3 ppm			
Bulgaria - Occupational Exposure Limits	·			
OEL TWA	12 mg/m³			
OEL STEL	18 mg/m³			
Croatia - Occupational Exposure Limits				
GVI (OEL TWA) [1]	13 mg/m ³			
GVI (OEL TWA) [2]	2 ppm			
KGVI (OEL STEL)	19 mg/m ³			
KGVI (OEL STEL) [ppm]	3 ppm			
Denmark - Occupational Exposure Limits				
OEL TWA [1]	12 mg/m ³			
OEL TWA [2]	2 ppm			
Finland - Occupational Exposure Limits				
HTP (OEL TWA) [1]	1.9 mg/m³			
HTP (OEL TWA) [2]	0.3 ppm			
HTP (OEL STEL)	5.7 mg/m³			
HTP (OEL STEL) [ppm]	0.9 ppm			
France - Occupational Exposure Limits				
VME (OEL TWA)	12 mg/m³			
VME (OEL TWA) [ppm]	2 ppm			
Greece - Occupational Exposure Limits				
OEL TWA	12 mg/m³ (inhalable fraction)			
OEL STEL	18 mg/m³			
Ireland - Occupational Exposure Limits				
OEL TWA [1]	12 mg/m³			
OEL TWA [2]	2 ppm			
OEL STEL	18 mg/m³			

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1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (76-22-2)			
OEL STEL [ppm]	3 ppm		
Lithuania - Occupational Exposure Limits			
IPRV (OEL TWA)	3 mg/m ³		
Poland - Occupational Exposure Limits			
NDS (OEL TWA)	12 mg/m ³		
NDSCh (OEL STEL)	18 mg/m ³		
Portugal - Occupational Exposure Limits	-		
OEL TWA [ppm]	2 ppm		
OEL STEL [ppm]	3 ppm		
OEL chemical category	A4 - Not Classifiable as a Human Carcinogen		
Romania - Occupational Exposure Limits			
OEL TWA	1 mg/m ³		
OEL TWA [ppm]	6 ppm		
OEL STEL	3 mg/m ³		
OEL STEL [ppm]	18 ppm		
Slovakia - Occupational Exposure Limits			
NPHV (OEL TWA) [1]	13 mg/m ³		
NPHV (OEL TWA) [2]	2 ppm		
NPHV (OEL C)	26 mg/m ³		
Spain - Occupational Exposure Limits			
VLA-ED (OEL TWA) [1]	13 mg/m³		
VLA-ED (OEL TWA) [2]	2 ppm		
VLA-EC (OEL STEL)	19 mg/m³		
VLA-EC (OEL STEL) [ppm]	3 ppm		
United Kingdom - Occupational Exposure Limits			
WEL TWA (OEL TWA) [1]	13 mg/m³		
WEL TWA (OEL TWA) [2]	2 ppm		
WEL STEL (OEL STEL)	19 mg/m³		
WEL STEL (OEL STEL) [ppm]	3 ppm		
Norway - Occupational Exposure Limits			
Grenseverdi (OEL TWA) [1]	12 mg/m³		
Grenseverdi (OEL TWA) [2]	2 ppm		
Korttidsverdi (OEL STEL)	18 mg/m³ (value calculated)		
Korttidsverdi (OEL STEL) [ppm]	4 ppm (value calculated)		
Switzerland - Occupational Exposure Limits			
MAK (OEL TWA) [1]	13 mg/m³ (aerosol, vapour)		
MAK (OEL TWA) [2]	2 ppm (aerosol, vapour)		
USA - ACGIH - Occupational Exposure Limits			
ACGIH OEL TWA [ppm]	2 ppm (synthetic)		

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1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (76-22-2)		
ACGIH OEL STEL [ppm]	3 ppm (synthetic)	
ACGIH chemical category	Not Classifiable as a Human Carcinogen synthetic	

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection: Chemical goggles or safety glasses. Safety glasses

8.2.2.2. Skin protection

Skin and body protection: Wear suitable protective clothing

Hand protection:

Wear protective gloves.

8.2.2.3. Respiratory protection

Respiratory protection: Wear appropriate mask

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

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

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Flash point: 67 °C (closed cup).Auto-ignition temperature: No data availableDecomposition temperature: No data availableFlammability (solid, gas): Not applicableVapour pressure: No data availableRelative vapour density at 20 °C: No data availableRelative density: ≈ 0.98Solubility: No data availablePartition coefficient n-octanol/water (Log Pow): No data availableViscosity, kinematic: No data availableViscosity, dynamic: No data availableExplosive properties: No data availableOxidising properties: No data availableExplosive limits: No data available
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9.2. Other information

No additional information available

SECTION 10: Stability and reactivity 10.1. Reactivity The product is non-reactive under normal conditions of use, storage and transport. 10.2. Chemical stability Not established. 10.3. Possibility of hazardous reactions Not established. 10.4. Conditions to avoid Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information		
11.1 Information on toxicological	effects	
Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	: Not classified : Not classified : Not classified	
Citral (5392-40-5)		
LD50 oral rat	4960 mg/kg	
LD50 dermal rabbit	2250 mg/kg	

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Citral (5392-40-5)					
LD50 dermal	2250 mg/kg bodyweight				
Hexamethylindanopyran (1222-05-5)					
LD50 oral rat	> 3250 mg/kg				
LD50 dermal rabbit	> 3250 mg/kg				
Mentha arvensis oil (68917-18-0)					
LD50 oral rat	1240 mg/kg				
LD50 oral	1200 mg/kg bodyweight				
Linalool (78-70-6)					
LD50 oral	2790 mg/kg bodyweight				
Menthol Crystals (1490-04-6)					
LD50 oral	2500 mg/kg bodyweight				
LD50 dermal rabbit	> 5000 mg/kg				
LC50 Inhalation - Rat	5289 mg/m³ (Exposure time: 4 h)				
1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (76	-22-2)				
LD50 oral	1500 mg/kg bodyweight				
LD50 dermal rat	> 2000 mg/kg				
LC50 Inhalation - Rat (Dust/Mist)	1.5 mg/l/4h				
Peppermint oil america (8006-90-4)					
LD50 oral rat	2426 mg/kg				
Lemongrass oil (8007-02-1)					
LD50 oral rat	> 5 g/kg				
Damascone alpha- (E)-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one (24720-09-0) (24720-09-0)					
LD50 oral	1670 mg/kg bodyweight				
LD50 dermal rat	2150 – 2780 mg/kg				
LD50 dermal	2900 mg/kg bodyweight				
Skin corrosion/irritation:Serious eye damage/irritation:	Causes skin irritation. Causes serious eye irritation.				
Additional information :	Based on available data, the classification criteria are not met				
Respiratory or skin sensitisation :	May cause an allergic skin reaction.				
Germ cell mutagenicity : Additional information :	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				
Reproductive toxicity :	Not classified				
Additional information :	Based on available data, the classification criteria are not met				
STOT-single exposure : Additional information :	Not classified Based on available data, the classification criteria are not met				
1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (76-22-2)					
STOT-single exposure	May cause damage to organs.				
- 1 1	Not classified				
	Based on available data, the classification criteria are not met				
Aspiration hazard :	May be fatal if swallowed and enters airways.				

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Additional information	: F	Based on available data, the classification criteria are not met
Potential adverse human health effects and	: E	Based on available data, the classification criteria are not met
symptoms		

SECTION 12: Ecological information	
12.1. Toxicity	
	Very toxic to aquatic life with long lasting effects. Toxic to aquatic life with long lasting effects. Toxic to aquatic life with long lasting effects. Not classified
(acute)	Toxic to aquatic life with long lasting effects.
Citral (5392-40-5)	
EC50 - Crustacea [1]	7 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	16 mg/l (Species: Desmodesmus subspicatus)
EC50 96h - Algae [1]	19 mg/l (Species: Desmodesmus subspicatus)
Hexamethylindanopyran (1222-05-5)	
LC50 - Fish [1]	0.452 mg/l Wolf, 1996d-27682
LC50 - Other aquatic organisms [1]	> 0.14 mg/l REACH DOSSIER Pimephales promelas
EC50 - Crustacea [2]	260 μg/l REACH Dossier
EC50 - Other aquatic organisms [1]	0.131 mg/l REACH Dossier
Linalool (78-70-6)	
EC50 96h - Algae [1]	88.3 mg/l (Species: Desmodesmus subspicatus)
Menthol Crystals (1490-04-6)	
LC50 - Fish [1]	22.3 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
12.2. Persistence and degradability	
Lemongrass #EU20275F	
Persistence and degradability	May cause long-term adverse effects in the environment.
12.3. Bioaccumulative potential	
Lemongrass #EU20275F	
Bioaccumulative potential	Not established.
Citral (5392-40-5)	
Partition coefficient n-octanol/water (Log Pow)	2.76 (at 25 °C)
Menthol Crystals (1490-04-6)	
Partition coefficient n-octanol/water (Log Pow)	3.2
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessment	
No additional information available	

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12.6. Other adverse effects	
Additional information	: Avoid release to the environment.
SECTION 13: Disposal con	iderations
13.1. Waste treatment method	

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Dispose of
	contents/container in accordance with local/national laws and regulations.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

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

14.1 UN number	
UN-No. (ADR) UN-No. (IMDG) UN-No. (IATA) UN-No. (ADN) UN-No. (RID)	 : UN 3082 : Not regulated
14.2. UN proper shipping name	
Proper Shipping Name (ADR) Proper Shipping Name (IMDG) Proper Shipping Name (IATA) Proper Shipping Name (ADN) Proper Shipping Name (RID) Transport document description (ADR)	 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Not regulated UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Lemon Terpenes), 9, III, (-)

Transport document description (IMDG)

Transport document description (IATA) Transport document description (ADN)

:	Not regulated
:	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Lemon
	Terpenes), 9, III, (-)
:	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Lemon
	Terpenes), 9, III, MARINE POLLUTANT
:	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Lemon Terpenes), 9, III
:	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Lemon
	Terpenes), 9, III

14.3. Transport hazard class(es)

ADR

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



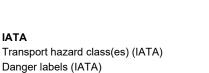
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IMDG

Transport hazard class(es) (IMDG) Danger labels (IMDG)



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ADN Transport hazard class(es) (ADN) Danger labels (ADN)	
RID Transport hazard class(es) (RID)	: Not regulated
14.4. Packing group	
Packing group (ADR) Packing group (IMDG) Packing group (IATA) Packing group (ADN) Packing group (RID)	: III : III : III : III : Not regulated
14.5. Environmental hazards	
Dangerous for the environment Marine pollutant Other information	YesYesNo supplementary information available
14.6. Special precautions for user	
Overland transport Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Special packing provisions (ADR) Mixed packing provisions (ADR) Portable tank and bulk container instructions (ADR) Portable tank and bulk container special provisions (ADR) Tank code (ADR) Vehicle for tank carriage Transport category (ADR) Special provisions for carriage - Packages (ADR) Special provisions for carriage - Loading, unloading and handling (ADR) Hazard identification number (Kemler No.) Orange plates	$ \begin{array}{l} M6 \\ 274, 335, 375, 601 \\ 5l \\ E1 \\ P001, IBC03, LP01, R001 \\ PP1 \\ MP19 \\ 74 \\ TP1, TP29 \\ \\ LGBV \\ AT \\ 3 \\ V12 \\ CV13 \\ \\ \end{array} $
Tunnel restriction code (ADR) EAC code	: - : •3Z
Transport by sea Special provisions (IMDG) Limited quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG)	: •32 : 274, 335, 969 : 5 L : E1 : LP01, P001

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: PP1 : IBC03 : T4 : TP2, TP29 : F-A : S-F : A
: E1 : Y964 : 30kgG : 964 : 450L : 964 : 450L : A97, A158, A197 : 9L
: M6 : 274, 335, 375, 601 : 5 L : E1 : T : PP : 0

Rail transport

Not regulated

14.7. Transport in bulk according to Annex II of Marpol 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

EU restriction list (REACH Annex XVII)	
Reference code	Applicable on
3(a)	Lemon terpenes ; Lime Oxide
3(b)	Lemongrass ; Lemon terpenes ; Citral ; Mentha arvensis oil ; Linalool ; Peppermint oil america ; Lemongrass oil ; Lime Oxide ; Damascone alpha- (E)-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one (24720-09-0)
3(c)	Lemongrass ; Lemon terpenes ; Hexamethylindanopyran ; Mentha arvensis oil ; Peppermint oil america ; Lemongrass oil ; Lime Oxide ; Damascone alpha- (E)-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one (24720-09-0)
40.	Lemon terpenes ; 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one ; Lime Oxide

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

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Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

15.1.2. National regulations

Germany	
Water hazard class (WGK)	: WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1)
Hazardous Incident Ordinance (12. BImSchV)	: Is not subject of the Hazardous Incident Ordinance (12. BImSchV)
Netherlands	
SZW-lijst van kankerverwekkende stoffen	: Lemon terpenes, Cornmint oil (redist), Lime Oxide are listed
SZW-lijst van mutagene stoffen	: Lemon terpenes,Lime Oxide are listed
SZW-lijst van reprotoxische stoffen – Borstvoeding	: None of the components are listed
SZW-lijst van reprotoxische stoffen –	: None of the components are listed
Vruchtbaarheid	
SZW-lijst van reprotoxische stoffen – Ontwikkeling	: None of the components are listed
Denmark	
Class for fire hazard	: Class III-1
Store unit	: 50 liter
Classification remarks	: Flammable according to the Danish Ministry of Justice; Emergency management guidelines
	for the storage of flammable liquids must be followed
Danish National Regulations	: Young people below the age of 18 years are not allowed to use the product
	Pregnant/breastfeeding women working with the product must not be in direct contact with
	the product
Switzerland	
Storage class (LK)	: LK 6.1 - Toxic materials
15.2. Chemical safety assessment	

No chemical safety assessment has been carried out

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 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
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
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
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
Flam. Sol. 2	Flammable solids, Category 2
H226	Flammable liquid and vapour.

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Full text of H- and EUH-statements:	
H228	Flammable solid.
H302	Harmful if swallowed.
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.
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.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 2	Specific target organ toxicity – Single exposure, Category 2

Safety Data Sheet (SDS), EU

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.