

# LEMONGRASS SCENTED SPIRAL

## Safety data

conforms to Regulation (EC) No. 1907/2006 (REACH) as amended by Regulation (EU) 2015/830

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Reference number />: DOZLIGN-Citronella COIL

Issue date: 10/30/2019 Revision date: 08/27/2020 Version: 1.1

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

### 1.1. Product identifier

Product form : Article  
Trade name : LEMONGRASS SCENTED SPIRAL  
Product code : DOZLIGN-Citronella COIL

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

#### 1.2.1. Relevant identified uses

Main use category : Intended for the general public Spec. for industrial/professional use  
use : Professional use

#### 1.2.2. Uses advised against

No additional information available

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

DOZLIGN  
STREET OF MAY 9, 1950  
ZA ANJOU ACTIPARC  
49310 MONTILLIERS  
S 02-41-56-26-55 - F 02-41-56-28-12  
[www.dozlign.com](http://www.dozlign.com)

### 1.4. Emergency number

Country	Organization/Company	Address	Emergency number	Remark
France	Poison Control Center and Nancy toxicovigilance central hospital	29 avenue du Maréchal de Lattre de Tassigny 54035 Nancy Cedex	+33 3 83 22 50 50	
France	ORFILA		+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]

Unclassified

**Adverse physicochemical, human health and environmental effects**

No additional information available

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### 2.2. Label elements

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

Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children.  
P103 - Carefully read and follow all instructions.  
P261 - Avoid breathing fumes.  
P264 - Wash hands thoroughly after handling.  
P501 - Dispose of contents/container to an authorized waste disposal facility.

EUH sentences : EUH208 - Contains citronellal, citronellol, geraniol. May produce an allergic reaction.  
Additional sentences : Keep away from food and drink including those for animals.  
Do not use for any purpose other than that for which the product is intended.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Blends

name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
lemonellal	(CAS No.) 106-23-0 (EC no.) 203-376-6	0.345 – 0.552	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411
geraniol	(CAS No.) 106-24-1 (EC no.) 203-377-1	0.138 – 0.345	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317
lemonellol	(CAS No.) 106-22-9 (EC no.) 203-375-0	0.1104 – 0.2346	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317

Full text of H-phrases: see section 16

## SECTION 4: First aid

### 4.1. Description of first aid

General first aid : Never give anything by mouth to an unconscious person. If you feel unwell seek medical advice (show the label if possible).

First aid after inhalation : Allow subject to breathe fresh air. Put the victim to rest. In case of discomfort consult a doctor.

First aid after skin contact : Wash with soap and water.

First aid after eye contact : Rinse immediately with plenty of water. Seek medical attention if pain or redness persists.

First aid after ingestion : Rinse out mouth. DO NOT induce vomiting. Consult a doctor urgently.

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

Symptoms/effects : Not considered hazardous under normal conditions of use.  
Symptoms/Effects After Skin Contact : Can cause cutaneous allergy.

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Symptoms/Effects After Eye Contact : May cause eye irritation.

### 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 : Moss. Dry powder. Carbon dioxide. Water spray. Sand.  
Unsuitable extinguishing agents : Do not use a strong stream of water.

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

Fire hazard : This product is flammable.  
Explosion hazard : No direct explosion hazard.

### 5.3. Tips for firefighters

Fire fighting instructions : Cool exposed containers with water spray or fog. Use caution when fighting any chemical fire. Prevent fire-fighting wastewater from contaminating the environment.

Protection in case of fire : Do not enter fire area without protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-rescuers

Emergency procedures : Keep superfluous personnel away.

#### 6.1.2. For rescuers

Protective gear : Provide adequate protection for cleanup crews.

Emergency procedures : Ventilate the area.

### 6.2. Environmental Precautions

Prevent entry into sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

Cleaning methods : On soil, sweep or shovel into suitable disposal containers. Minimize dust generation. Store away from other materials.

Other information : Dispose of solid materials or residues at an authorized centre.

### 6.4. Reference to other topics

See section 8. Exposure controls/personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for Safe Handling

Precautions to be taken for handling without hazard : Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking, and before leaving work. Ensure good ventilation of the work area to avoid the formation of fumes.

Hygiene measures : Wash hands after handling.

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

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Storage conditions	: Store in a well-ventilated area. Keep cool. Keep away from heat, hot surfaces, sparks, open flames and all other ignition sources. NO SMOKING. Keep containers closed when not in use.
Incompatible products	: Not established.
Incompatible materials	: Sources of ignition. Direct rays of the sun.
Storage temperature	: Ambient temperature
Storage area	: Store in a dry, cool and very well-ventilated place.
Special packaging requirements	: Keep only in the original container. correctly labelled.

### 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

#### Individual protection equipment:

Avoid unnecessary exposure.

#### Hand protection:

Wear safety gloves. Wash hands immediately after handling the product

#### Eye protection:

Eye protection not required under normal conditions

#### Respiratory Protection:

Not required under normal employment conditions

#### 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	: Solid
Color	: chestnut.
Smell	: Lemongrass.
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Fusion point	: No data available
Freezing point	: No data available

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Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Flammable
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: No data available
n-octanol/water partition coefficient (Log Pow)	: No data available
Kinematic viscosity	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to Avoid

Direct rays of the sun. No flames, no sparks. Remove all sources of ignition.

### 10.5. Incompatible materials

Strong acids. Strong basics.

### 10.6. Hazardous decomposition products

Smoke. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Unclassified
Acute toxicity (dermal)	: Unclassified
Acute toxicity (inhalation)	: Unclassified

### lemonellol (106-22-9)

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LD50 oral rat	3450 mg/kg (Rat; Insufficient, inconclusive data)
Dermal LD50 Rabbit	2650 mg/kg (Rabbit; Insufficient, inconclusive data)

### geraniol (106-24-1)

LD50 oral rat	3600 mg/kg body weight (Rat; Experimental value)
Dermal LD50 Rabbit	> 5000 mg/kg body weight (Rabbit; Experimental value)

Skin corrosion/irritation : Unclassified  
Additional information : Based on available data, the classification criteria are not met  
Serious eye damage/eye irritation : Unclassified  
Additional information : Based on available data, the classification criteria are not met  
Respiratory or skin sensitization : Unclassified  
Additional information : Based on available data, the classification criteria are not met  
Germ cell mutagenicity : Unclassified  
Additional information : Based on available data, the classification criteria are not met  
Carcinogenicity : Unclassified  
Additional information : Based on available data, the classification criteria are not met

Reproductive toxicity : Unclassified  
Additional information : Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure) : Unclassified

Additional information : Based on available data, the classification criteria are not met

Specific target organ toxicity (repeated exposure) : Unclassified

Additional information : Based on available data, the classification criteria are not met

Aspiration hazard : Unclassified  
Additional information : Based on available data, the classification criteria are not met

Potential adverse human health effects and possible symptoms : Based on available data, the classification criteria are not met.

### 12.1. Toxicity

Hazards to the aquatic environment, short term (acute) : Unclassified

Hazards to the aquatic environment, long term (chronic) : Unclassified

### lemonellal (106-23-0)

LC50 fish 1	22 mg/l (LC50; 96 h)
EC50 Daphnia 2	8.7 mg/l (EC50; 48 h)
Algae toxic threshold 1	7.5 mg/l (EC50; 72 h)

### lemonellool (106-22-9)

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LC50 fish 1	≥ 10 (10 – 22) mg/l LC50; 96 hours
EC50 Daphnia 1	17 mg/l (EC50; 48 h)
Algae toxic threshold 1	2.4 mg/l (EC50; 72 h)

### geraniol (106-24-1)

LC50 fish 1	> 9.8 mg/l (LC50; 96 h)
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## 12.2. Persistence and degradability

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Persistence and degradability	Not established.
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### lemonellal (106-23-0)

Persistence and degradability	Easily biodegradable in water. Photodegradation in air.
Chemical oxygen demand (COD)	2.67gO <sub>2</sub> /gsubstance
ThOD	2.9gO <sub>2</sub> /gsubstance

### lemonellool (106-22-9)

Persistence and degradability	Easily biodegradable in water.
Chemical oxygen demand (COD)	2.05gO <sub>2</sub> /gsubstance
ThOD	2.961gO <sub>2</sub> /gsubstance

### geraniol (106-24-1)

Persistence and degradability	Easily biodegradable in water.
ThOD	2.9gO <sub>2</sub> /gsubstance

## 12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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### lemonellal (106-23-0)

BCF other aquatic organisms 1	280 (BCF)
n-octanol/water partition coefficient (Log Pow)	3.53 – 3.62
Bioaccumulative potential	Low bioaccumulation potential (BCF < 500).

### lemonellool (106-22-9)

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n-octanol/water partition coefficient (Log Pow)	3.41 – 3.91
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<b>geraniol (106-24-1)</b>	
Bioaccumulative potential	No bioaccumulation information available.

### 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 into the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Recommendations for the treatment of the product/packaging : Dispose of in accordance with applicable local/national safety regulations.

Ecology - waste : Avoid release into the environment.

## SECTION 14: Transport information

In accordance with the requirements of ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

UN number (ADR) : Not applicable

UN number (IMDG) : Not applicable

UN number (IATA) : Not applicable

UN number (ADN) : Not applicable

UN number (RID) : Not applicable

### 14.2. UN Proper Shipping Name

Proper shipping name (ADR) : Not applicable

Proper shipping name (IMDG) : Not applicable

Proper shipping name (IATA) : Not applicable

Proper Shipping Name (ADN) : Not applicable

Proper shipping name (RID) : Not applicable

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : Not applicable

#### IMDG

Transport hazard class(es) (IMDG) : Not applicable

#### IATA

Transport hazard class(es) (IATA) : Not applicable

#### DNA

Transport hazard class(es) (ADN) : Not applicable



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### RID

Transport hazard class(es) (RID) : Not applicable

### 14.4. Packing group

Packing group (ADR) : Not applicable  
Packing group (IMDG) : Not applicable  
Packing group (IATA) : Not applicable  
Packing group (DNA) : Not applicable  
Packing group (RID) : Not applicable

### 14.5. Environmental hazards

Dangerous for the environment : Nope  
marine pollutant : Nope  
Other information : No additional information available

### 14.6. Special precautions for user

#### Ground transportation

Not applicable

#### Maritime transport

Not applicable

#### Air Transport

Not applicable

#### River transport

Not applicable

#### Rail transport

Not applicable

### 14.7. Bulk transport in accordance with Annex II of the Marpol Convention 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

Does not contain any substance on the REACH candidate list

Does not contain any substance subject to REGULATION (EU) N° 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of dangerous chemicals

Does not contain any substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### 15.1.2. National guidelines

No additional information available

### 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, labeling 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).

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Skin Sens. 1	Skin sensitization, category 1
H315	Causes skin irritation.
H317	Can cause cutaneous allergy.
H319	Causes serious eye irritation.
H411	Toxic to aquatic organisms, causes long-term adverse effects.
EUH208	Contains citronellal, citronellol, geraniol. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

### Full text of H- and EUH-statements:

Aquatic Chronic 2	Hazardous to the Aquatic Environment — Chronic Hazard, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, category 2
Skin Irrit. 2	Corrosive/irritating to skin, category 2

EU MSDS (Annex II REACH)

This information is based on our current knowledge and describes the product for the purposes of health, safety and the environment only. They should therefore not be interpreted as guaranteeing any specific property of the product.