

## Material Safety Data Sheet

### 1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name	Citronella Essential Oil
Type Of Product	Essential Oil
Company Name	J&F Investing Sp. z o.o. - Aromaholik.pl
Company Address	Sobótka 91 63-450 Sobótka, Poland
Emergency Telephone Number	+48 669 980 617

### 2. COMPOSITION/INGREDIENT INFORMATION

Water soluble extract	100% by weight
CAS No	91771-61-8
Botanical Name	CYMBOPOGON WINTERIANUS

### 3. HAZARDS IDENTIFICATION

GHS08

GHS09

GHS07

GHS02



#### Hazard Statements

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

### **Precautionary Statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting/.../equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P321 Specific treatment.

P333+313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

P370+378 In case of fire: Use ... for extinction.

P403+235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

### **Medical Information**

Please refer Section 4 below

Routes of Entry/Exposure

Eyes, Skin, Ingestion, Inhalation

## Potential Health Effects

Skin Contact	Irritation may occur with prolonged or repeated exposure.
Inhalation	Excessive vapors may cause irritation in throat and lungs.
Eye Contact	Moderate irritation may occur.
Ingestion	Hazardous in case of ingestion. May cause renal effects.

## 4. FIRST AID MEASURES

Medical conditions generally aggravated by exposure.

Skin	Cover with emollient or pure vegetable oil. Seek medical attention if irritation persists.
Inhalation	Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.
Ingestion	Seek medical attention or contact local poison control center immediately. Administer water or milk to dilute if advised by medical expert. Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation.
Eyes	Remove lenses if applicable. Flush with plenty of water or eye wash solution for 15 minutes holding lids apart. Get medical attention if irritation persists. Remove contaminated clothing. Thoroughly wash the affected area(s) and parts of the body with medicated soap and water. Flush with large quantities of water.

## 5. FIRE FIGHTING MEASURES

Auto-ignition Temperature	No data available.
Flammability limits in Air	Non Flammable transit

Extinguishing Media	Carbon Dioxide or Alcohol-resistant foam based
Fire Fighting Procedures	Self-containing breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Shutoff all ignition sources. Move contain from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Use flooding amounts of water as fog. Cool product containers with flooding amounts of water from as far a distance as possible. Avoid breathing vapors keep upwind in the event of overheating or direct flame contact, evacuate the area to minimize hazard of potential explosion.
Unusual Fire Hazards	Non Flammable
Hazardous Decomposition Products	Carbon oxides and traces of incompletely burnt carbon oxides and traces of incompletely burnt carbon.

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with eyes.
Protective Equipment	Refer to section 8.
Emergency Procedure	Avoid uncontrolled releases of this material. Where spills are possible, a comprehensive spill response plan should be developed and implemented.

## 7. HANDLING AND STORAGE

**Handling:** Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Avoid eye contact and prolonged skin contact.

**Storage:** Keep container closed and away from heat and flame sources. Since emptied containers retain product residues, all hazard precautions given in this MSDS must be observed.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Protective Equipment



Wear eye protection



Hand protection must be worn

Engineering Controls

Eyewash Stations; Ventilation Systems; Showers

Eyes

Use proper protection.

Skin

Rubber gloves are not required during handling, but recommended. To prevent prolonged skin contact wear impervious clothing and boots during handling of spills.

Inhalation

Respirator is advised in the absence of proper ventilation.

## 9. COMPOSITION AND PHYSICAL PROPERTIES

Contains

Natural Essential Oil from Citronella leaves, Natural BIO- Ethanol 99.9%, Natural BIO-Solubilizer

Physical State

Liquid

Color

Pale yellow to yellowish brown

Natural allergens

Material	CAS Number	Content %
CITRONELLOL	106-22-9 / 1117-61-9 / 7540-51-4	5.0 - 15.0%
FARNESOL	4602-84-0	1.0%
GERANIOL	106-24-1	20.0 - 30.0%
GERANYL ACETATE	105-87-3	2.0 - 5.0%
(DL)-LIMONENE	5989-27-5	2.0 - 5.0%
LINALOOL	78-70-6	<1.0%

## 10. STABILITY AND REACTIVITY

Conditions to Avoid

Stability

Stable under normal conditions of use. Keep away from sources of ignition, flame and heat. Avoid hot work and sources of ignition on or near empty containers.

Incompatibility (Materials to Avoid) Strong oxidizing agents.

Byproducts Compounds may be formed during combustion.

Hazardous Polymerization Will Not Occur

## 11. **TOXICOLOGICAL INFORMATION**

### Acute Toxicity.

Product information This product is safe for its intended use based on formulation; bulk, finished product, and stability testing results; and a long history of safe consumer use.

### Chronic Toxicity.

Chronic Toxicity No specific information is available.

Target Organ Effects No specific information is available.

## 12. **ECOLOGICAL INFORMATION**

Biodegradability Not determined

Aquatic Toxicity Non-toxic

## 13. **DISPOSAL CONSIDERATIONS**

Waste Disposal Methods Disposal should be in accordance with all applicable Local, State and Federal regulations. Precautions to be taken in handling and storage. Do not discharge into waterways or sewer systems without proper or Local authorization.

Container Disposal Dispose in a licensed facility. Additionally, disposal should be in accordance with all applicable Local, State and Federal regulations. Precautions to be taken in handling and storage. Glass bottle. Do not puncture or incinerate. Store in cool, dry area away from the sunlight.

Other When product is properly discharged in low concentrations to biological wastewater treatment plants it should not cause any disturbances in the degradation activity of the activated sludge.

## 14. TRANSPORT INFORMATION



Road and Rail Transport

Not classified as Dangerous Goods for transport Road and Rail. NON-DANGEROUS GOODS

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IM DG) for transport by sea;  
(NON-DANGEROUS GOODS)s

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air

## 15. REGULATORY INFORMATION

TSCA

Exempt from TSCA chemical inventory listing requirement.

DSL/NDSL

Exempt from DSL/NDSL chemical inventory listing requirements.

EU Classification

Non-dangerous

## 16. ADDITIONAL INFORMATION

This section indicates when the SDS was prepared or when the last known revision was made. The SDS may also state where the changes have been made to the previous version. You may wish to contact the supplier for an explanation of the changes