



## Eucalyptus Citriodora Essential Oil

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

#### 1.1 Product Identifier

Product Name	Eucalyptus Citriodora Essential Oil
INCI	Eucalyptus Citriodora Oil
Synonyms & Trade Names	Eucalyptus Maculata Citrodera
Biological Definition	Eucalyptus Citriodora Oil Is The Volatile Oil Obtained From Eucalyptus Citriodora, Myrtaceae
Product Code	A11062
CAS No.	85203-56-1/8000-48-4
EINECS No.	286-249-8
Ec No.	286-249-8

#### 1.2 Details of the supplier of the safety data sheet

Supplier/Distributor	zielonyklub.pl
Company	Greenaction Sp. z o.o., ul. Śląska 9, 25-328 Kielce, NIP: PL6571011247
Contact	tech@zielonyklub.pl

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

Emergency Contact	112 (emergency), 998 (fire), 999 (ambulance), 42 631 47 24 (toxicological information in Poland)
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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

The full text for all hazard statements is displayed in section 16.

Classification (67/548/EEC)	No additional data available.
Classification (EU 1272/2008)	<p>Physical and chemical hazards : Not classified.</p> <p>Human health : Skin irrit. 2 - H315 Eye irrit. 2 - H319 Skin sens. 1 - H317</p> <p>Environment : Aquatic acute 2 - H401 Aquatic chronic 2 - H411</p>



#### 2.2 Label elements

Label in accordance with Regulation (EC) No 1272/2008



## Eucalyptus Citriodora Essential Oil

### SECTION 2: Hazards identification

GHS Label:	GHS07 	GHS09 
Signal word:	Danger	
Contains:	ALPHA PINENE, CITRONELLAL, CITRONELLOL, LIMONENE	
Hazard Statements:	H315 causes skin irritation. H317 may cause an allergic skin reaction. H319 causes serious eye irritation. H401 toxic to aquatic life. H411 toxic to aquatic life with long lasting effects.	
Precautionary Statements:	-	
Supplementary Precautionary Statements:	P261 avoid breathing dust/fume/gas/mist/vapours/spray. P264 wash ... thoroughly after handling. P272 contaminated work clothing should not be allowed out of the workplace. P273 avoid release to the environment. P280 wear protective gloves/protective clothing/eye protection/face protection. P302+352 if on skin: wash with plenty of soap and water. P305+351+338 if in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P313 get medical advice/attention. P321 specific treatment (see ... on this label). P332+313 if skin irritation occurs: get medical advice/attention. P333+313 if skin irritation or rash occurs: get medical advice/attention. P337 if eye irritation persists: P362 take off contaminated clothing and wash before reuse. P363 wash contaminated clothing before reuse. P391 collect spillage. P501 dispose of contents/container to ...	

Section 16 (other information): risk & safety phrases in full.

#### 2.3 Other hazards

Adverse physio-chemical properties	No data.
Adverse effects on human health	No data.
PBT or VPVB according to Annex XIII	No data.

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

N/A

#### 3.2 Mixtures

**60.0 – 100.0% CITRONELLAL** CAS-NO.: 106-23-0 EC NO.: 203-376-6 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, AQUATIC CHRONIC 2 - H411

**5.0 – 12.0% CITRONELLOL** CAS-NO.: 106-22-9 EC NO.: 203-375-0 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319, SKIN SENS. 1 - H317

**5.0 – 10.0% ISO PULEGOL** CAS-NO.: 89-79-2 EC NO.: 201-940-6 CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 - H302

**1.0 - 5.0% LIMONENE** CAS-NO.: 5989-27-5 EC NO.: 227-813-5 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, ASP. TOX. 1 - H304, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410

**1.0 - 5.0% ALPHA PINENE NATURAL** CAS-NO.: 80-56-8 EC NO.: 201-291-9 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, ASP. TOX. 1 - H304

**1.0 - 5.0% BETA PINENE** CAS-NO.: 127-91-3 EC NO.: 204-872-5 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, ASP. TOX. 1 - H304



## Eucalyptus Citriodora Essential Oil

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General Information	Always remove contaminated clothing immediately.
Inhalation	Get medical attention immediately. Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
Ingestion	Get medical attention immediately. Immediately call the poison centre or doctor. Rinse mouth with water and obtain medical attention.
Skin Contact	Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.
Eye Contact	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

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

Observe risk of aspiration if vomiting occurs

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

Treat symptomatically

### SECTION 5: Fire fighting measures

#### 5.1 Extinguishing Media

Extinguishing media:	Foam, dry chemical powder, carbon dioxide.
Unsuitable extinguishing media:	Water

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

Burning produces irritating, toxic and obnoxious fumes.

#### 5.3 Advice for fire-fighters

Wear positive-pressure self-contained breathing apparatus and appropriate protective clothing.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions

Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Avoid inhalation.

#### 6.2 Environmental precautions

Do not discharge into drains, water courses or onto the ground. Dispose of in line with local authority guidelines.

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

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations. Do not use solvents.

#### 6.4 References to other sections.

Section 8 - Exposure controls/personal protection for further information on personal precautions.

Section 13 - Disposal Considerations for further information on waste treatment.

### SECTION 7: Handling and Storage

#### 7.1 Precautions for safe handling

Handle in accordance with good hygiene and safety practice. Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation do not eat, drink or smoke when using this product.

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

Keep the product container tightly closed, in a dry, ventilated area. Keep away from potential sources of ignition and protected from light. Maintain limited contact with oxygen.

#### 7.3 Specific end use(s)

N/A



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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control Parameters

No data

#### 8.2 Exposure Controls

Eye protection	Wear protective gloves/eye protection/face protection. Avoid contact with eyes. Wear approved safety goggles.
Hand protection	Avoid contact with skin. Wash hands before breaks and at end of work. Wear protective gloves. DIN/EN 374. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. 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.
Respiratory Equipment	Do not inhale gases / fumes / aerosols. Certified respiratory protective device recommended.
Other protection	Wear suitable protection to avoid contact with skin and eyes. Do not inhale vapours.
Hygiene measures	Good personal hygiene practices are always advisable, especially when working with chemicals/oils.
Skin protection	Wear protective clothing to reduce the risk of skin and eye contact.
Personal protection	Avoid inhalation of the product. Avoid contact with skin and eyes. Avoid contact with skin and eyes. Use personal protection according to Directive 89/686/EEC.
Process conditions	Ensure area is well ventilated. Avoid vapour inhalation. Safety shower & eye bath.
Environmental exposure controls	Avoid discharging into drainage water.

### SECTION 9: Physical and chemical properties

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

Appearance	Liquid
Colour	yellow-green
Odour	Characteristic, balsamic
Relative Density	0.858 – 0.877
Flash Point (°C)	73-74°C
Refractive Index	1.451 – 1.464
Melting Point (°C)	No additional data available
Vapour Pressure	No data
Solubility	Soluble in oil and ethanol, not soluble in water.
Auto-ignition temperature (°C)	No additional data available.

#### 9.2 Other information

N/A

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Stable under the recommended handling and storage conditions.

#### 10.2 Chemical stability

Stable under suggested storage conditions (<15°C)

#### 10.3 Possibility of hazardous reactions

No

#### 10.4 Conditions to avoid

Storage at high temperatures. Do not store above 15°C

#### 10.5 Incompatible materials

Avoid concentrated acids, alkalis & oxidising agents. Avoid water

#### 10.6 Hazardous decomposition products

This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes & smoke & carbon monoxide & dioxide.



## Eucalyptus Citriodora Essential Oil

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects.

Acute toxicity:	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
Skin corrosion / irritation:	May cause allergic reaction.
Serious eye damage/irritation:	May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.
Respiratory or skin sensitisation:	In high concentrations, vapours may irritate throat and respiratory system and cause coughing.
Germ cell mutagenicity:	Cause for concern owing to the possibility that it may induce heritable mutations in the germ cells of humans.
Carcinogenicity:	N/A
Reproductive toxicity:	N/A
STOT-single exposure:	N/A
STOT-repeated exposure:	N/A
Aspiration hazard:	N/A
Other information:	N/A

### SECTION 12: Ecological information

#### 12.1 Toxicity

Toxic to aquatic life with long lasting effects.  
The product must not be allowed to run into drains or waterways.

#### 12.2 Persistence and degradability

No data

#### 12.3 Bioaccumulation potential

No data

#### 12.4 Mobility in soil

N/A

#### 12.5 Results of PBT and VPVB assessment

No data

#### 12.6 Other adverse effects

No data



### SECTION 13: Disposal considerations

#### 13.1 Waste Treatment Methods

Always recover spilled product. Discard waste material with authorized waste management services. Act in accordance with local & national waste regulations.



## Eucalyptus Citriodora Essential Oil

SECTION 14: Transport information	
UN Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S
UN Number	ROAD: 3082 SEA: 3082 AIR: 3082
TRANSPORT HAZARD CLASS(ES)	ADR/RID/ADN CLASS: 9 MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES. IMDG CLASS: 9 ICAO CLASS/DIVISION: 9
Packing group	ADR/RID/ADN PACKING GROUP: III IMDG PACKING GROUP: III ICAO PACKING GROUP: III
Transport labels	Miscellaneous dangerous goods 
Environmental hazards	Environmentally hazardous / marine pollutant 
Special precautions for user	EMS F-A-S-F
Transport in bulk according to annex II of MARPOL 73/78 & the IBC code.	None

SECTION 15: Regulatory information	
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18th Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.
15.2 Chemical safety assessment	
Assessment has not been carried out as this is a non-hazardous material according to article 31 of REACH 1907/2006.	



## Eucalyptus Citriodora Essential Oil

### SECTION 16: Other information

Hazard and/ or precautionary statements in full	H319 causes serious eye irritation. H315 causes skin irritation. H226 flammable liquid and vapour. H302 harmful if swallowed. 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. H401 toxic to aquatic life. H410 very toxic to aquatic life with long lasting effects. H400 very toxic to aquatic life.
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Training instructions: Refer to possible hazard before use of this product.

#### Abbreviations and acronyms:

MSDS	Material Safety Data Sheet
INCI	International Nomenclature of Cosmetic Ingredients
CAS	Chemical Abstract Service
IMDG	International Maritime Code for Dangerous Goods
ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID	International Carriage of Dangerous Goods by Rail
ICAO	International Civil Aviation Organization
ADN	International Carriage of Dangerous Goods by Inland Waterways
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
Trem Card	Transport Emergency Card
STOT	Specific Target Organ Toxicity
N/A	Not Available
Risk Phrases in full:	N/A
Safety Phrases in full:	N/A

Complies with REACH guidance for SDS as circulated by ECHA 2011.

#### Disclaimer:

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