

## SAFETY DATA SHEET

Printed on 09/07/2025

CLP: According to 2015/830/EU

Revised 09/07/2025

### Section 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product Identifier

Product Name LEMON COLD PRESSED - essential oil

Alternative Name

REACH Reg No Not registered

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

Concentrated material for manufacturing purposes only

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

Tiamo e.U.  
Weideckerstraße 27  
3004 Riederberg

Telephone Number

0664 3941526

Email Address

alexander.morgner@tiamo.at

#### 1.4 Emergency Tel No 0664 3941526

### Section 2. Hazard Identification

#### 2.1 Classification of the substance or mixture

FL 3	Flammable liquid, category 3
AH 1	Aspiration hazard, category 1
SCI 2	Skin corrosion/irritation, category 2
SS 1B	Skin sensitisation, category 1B
REP 2	Reproductive toxicity, category 2
EH C2	Aquatic hazard, chronic, category 2

#### 2.2 CLP Label elements

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CLP classification according to Regulation (EC) No 1272/2008

### Hazard Pictograms



### Signal Word

Danger

### Hazard Statements

H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H361	Suspected of damaging fertility or the unborn child
H411	Toxic to aquatic life with long lasting effects

### Precautionary Statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves and eye protection
P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE.
P302+P352	IF ON SKIN: Wash with plenty of water.
P308+P313	IF exposed or concerned: Get medical advice.
P331	Do NOT induce vomiting.

### 2.3 Other Hazards

Contains Citral, Geraniol and Limonene which may produce an allergic reaction

No further information available at this time

### Section 3. Composition / information on ingredients

Any percentage values listed here for hazardous components are for illustrative purposes only

### 3.2 Mixtures

Complex mixture of fragrance ingredients

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**Hazardous components**

ID Numbers	Chemical Name, Classification and Hazards	Conc (%)
CAS 5989-27-5 EINECS 227-813-5 REACH	d-Limonene (p-Mentha-1,8-diene)  AH 1;SC 2;SS 1B;EH A1,C1 H304,H315,H317,H400,H410	>=25%
CAS 80-56-8 EINECS 201-291-9 REACH	alpha-Pinene  AH 1;SC 2;SS 1B;EH A1,C1 H304,H315,H317,H400,H410	>=10%,<25%
CAS 99-85-4 EINECS 202-794-6 REACH	gamma-Terpinene (p-Mentha-1,4-diene)  FL 3;AH 1 H226,H304	>=5%,<10%
CAS 5392-40-5 EINECS 226-394-6 REACH	Citral  SC 2;SS 1B;EDI 2 H315,H317,H319	>=3%,<5%
CAS 123-35-3 EINECS 204-622-5 REACH	Myrcene  FL 3;AH 1;SC 2;EDI 2 H226,H304,H315,H319	>=1%,<3%

Refer to section 16 for the wording of listed classification and hazard statement codes

**Section 4. First Aid measures**

Take phrases in section 2 into account

**4.1 Description of first aid measures****After inhalation**

Remove from the exposure area to fresh air. Contact a doctor if necessary.

**After skin contact**

Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.

**After eye contact**

Flush with plenty of water and seek medical advice if necessary.

**After ingestion**

Wash mouth with plenty of water and obtain medical advice immediately.

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

No further information available at this time

**4.3 Indication of immediate medical attention and special treatment needed**

No further information available at this time

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### Section 5. Fire-fighting measures

#### 5.1 Extinguishing Media

Carbon dioxide, foam or dry powder.  
DO NOT USE A DIRECT WATER JET.

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

May produce Carbon dioxide and unidentified organic compounds.

#### 5.3 Advice for fire-fighters

Wear protective clothing and avoid inhalation of vapours. Keep containers cool with water spray

### Section 6. Accidental release measures

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

Remove all sources of ignition.  
Avoid inhalation, skin and eye contact.  
Ensure proper ventilation.

#### 6.2 Environmental precautions

Do not discharge directly into drains or the soil. Keep away from surface and ground water

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

Soak up spillage with sand or other inert absorbant material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.

#### 6.4 Reference to other sections

Refer to information in Sections 7, 8 and 13

### Section 7. Handling and storage

#### 7.1 Precautions for safe handling

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.

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

Store in tightly sealed original containers away from ignition sources and in a cool place.

#### 7.3 Specific end use(s)

No further information available

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### Section 8. Exposure controls / personal protection

#### 8.1 Control Parameters

No information available

#### 8.2 Exposure controls

##### Engineering controls

No information available

##### Individual protection measures

Refer to Section 5 for specific fire/chemical personal protective equipment advice. Always wash routinely before breaks, meals and at the end of the work period.

##### Eye/face protection

Wear safety goggles.

##### Hand protection

Wear chemically resistant disposable gloves.

##### Other skin protection

Wear overalls. Always wash routinely before breaks, meals and at the end of the work period.

##### Respiratory protection

Not generally required. Use inhalation protection in poorly ventilated areas

##### Thermal hazards

No information available

##### Environmental exposure controls

No information available

### Section 9. Physical and chemical properties

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

FLASH POINT (°C)	48
Colour	pale yellow
Aroma	Lemon
Solubility	insoluble in water

#### 9.2 Other information

No further information available

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### Section 10. Stability and reactivity

#### 10.1 Reactivity

Not determined

#### 10.2 Chemical Stability

Not determined

#### 10.3 Possibility of hazardous reactions

Not determined

#### 10.4 Conditions to avoid

Extreme temperatures

#### 10.5 Incompatible materials

Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.

#### 10.6 Hazardous decomposition products

Not determined

### Section 11. Toxicological information

#### 11.1 Information on toxicological effects

##### Acute toxicity

##### Skin corrosion / irritation

No data available

##### Serious eye damage / irritation

No data available

##### Respiratory or skin sensitisation

No data available

##### Germ cell mutagenicity

No data available

##### Carcinogenicity

No data available

##### Reproductive toxicity

No data available

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### **STO-single exposure**

No data available

### **STO-repeated exposure**

No data available

### **Aspiration hazard**

No data available

### **Information on likely routes of exposure**

No data available

### **Symptoms related to the physical, chemical and toxicological characteristics**

No data available

### **Delayed and immediate effects as well as chronic effects from short and long-term exposure**

No data available

### **Interactive effects**

No data available

### **Other information**

No data available

## **Section 12. Ecological information**

### **12.1 Toxicity**

No data available. Avoid soil, surface water and water-bearing stratum contamination.

### **12.2 Persistence and degradability**

No data available

### **12.3 Bioaccumulative potential**

No data available

### **12.4 Mobility in soil**

No data available

### **12.5 Results of PBT and vPvB assessment**

No data available

### **12.6 Other adverse effects**

No data available

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### Section 13. Disposal considerations

Please refer to the information in section 8 (Exposure controls and personal protection)

#### 13.1 Waste treatment methods

Dispose in accordance with the law and local regulations. Treat as trade effluent.

### Section 14. Transport information

#### 14.1 UN number

ADR 1197

IATA 1197

IMDG 1197

#### 14.2 UN proper shipping name

ADR EXTRACTS, LIQUID

IATA EXTRACTS, LIQUID

IMDG EXTRACTS, LIQUID

#### 14.3 Transport hazard class(es)

ADR 3

IATA 3

IMDG 3

#### 14.4 Packing group

ADR III

IATA III

IMDG III

Tunnel Code (D/E)

#### 14.5 Environmental Hazards

No relevant information available

#### 14.6 Special precautions for user

No relevant information available

#### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

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### Section 15. Regulatory information

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

No relevant information available at this time

#### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

### Section 16. Other information

#### Full list of precautionary phrases

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection
P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE.
P302+P352	IF ON SKIN: Wash with plenty of water.
P308+P313	IF exposed or concerned: Get medical advice.
P331	Do NOT induce vomiting.
P333+P313	If skin irritation or rash occurs: Get medical advice.
P362+P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.
P405	Store locked up.

#### Wording of any hazard classes listed in section 3

FL 3	Flammable liquid, category 3
AH 1	Aspiration hazard, category 1
SCI 2	Skin corrosion/irritation, category 2
SS 1	Skin sensitisation, category 1
SS 1B	Skin sensitisation, category 1B
EDI 1	Eye damage/irritation, category 1
EDI 2	Eye damage/irritation, category 2
EH A1	Aquatic hazard, acute, category 1
EH C1	Aquatic hazard, chronic, category 1
EH C2	Aquatic hazard, chronic, category 2

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### **Wording of any hazard statements listed in section 3**

H226	Flammable liquid and vapour
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
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