

SAFETY DATA SHEET

Printed on 31 Mar 2023

CLP: According to 2015/830/EU

Version 1 Revised 28/02/2023
09:19:54

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

1.1 Product Identifier

Product Name TANGERINE OIL

Alternative Name

REACH Reg No 01-2120117307-64-0007

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
Tel: 0664 3941526
alexander.morgner@tiamo.at

Telephone Number 0664 3941526
Email Address alexander.morgner@tiamo.at

1.4 Emergency Tel No

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
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
H411	Toxic to aquatic life with long lasting effects

Precautionary Statements

P264	Wash hands thoroughly after handling
P273	Avoid release to the environment.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE.
P302+P352	IF ON SKIN: Wash with plenty of water.
P331	Do NOT induce vomiting.
P333+P313	If skin irritation or rash occurs: Get medical advice.

2.3 Other Hazards

Contains Citral, Limonene and Linalool 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 Mixtures100% ESSENTIAL OIL
US CAS No: 8008-31-9

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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;SCI 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;SCI 2;SS 1B;EH A1,C1 H304,H315,H317,H400,H410	>=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

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.

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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

Section 8. Exposure controls / personal protection**8.1 Control Parameters**

No information

8.2 Exposure controls**Engineering controls**

No information

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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

Environmental exposure controls

No information

Section 9. Physical and chemical properties**9.1 Information on basic physical and chemical properties**

FLASH POINT (°C)	47
Colour	ORANGE - ORANGE-RED
Aroma	CHARACTERISTICS OF TANGERINE
Solubility	INSOLUBLE

9.2 Other information

No further information available

Section 10. Stability and reactivity**10.1 Reactivity**

Not determined

10.2 Chemical Stability

Not determined

10.3 Possibility of hazardous reactions

Not determined

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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

Serious eye damage / irritation

No data

Respiratory or skin sensitisation

No data

Germ cell mutagenicity

No data

Carcinogenicity

No data

Reproductive toxicity

No data

STO-single exposure

No data

STO-repeated exposure

No data

Aspiration hazard

No data

Information on likely routes of exposure

No data

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Symptoms related to the physical, chemical and toxicological characteristics	
No data	
Delayed and immediate effects as well as chronic effects from short and long-term exposure	
No data	
Interactive effects	
No data	
Other information	
No data	
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	
12.3 Bioaccumulative potential	
No data	
12.4 Mobility in soil	
No data	
12.5 Results of PBT and vPvB assessment	
No data	
12.6 Other adverse effects	
No data available	
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	

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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

Marine Pollutant - contains environmentally hazardous substances (Limonene)

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

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

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P262	Do not get in eyes, on skin, or on clothing.
P264	Wash hands thoroughly after handling
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.
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
ATO 4	Acute toxicity, oral, category 4
AH 1	Aspiration hazard, category 1
SCI 2	Skin corrosion/irritation, category 2
SS 1B	Skin sensitisation, category 1B
EDI 2	Eye damage/irritation, category 2
EH A1	Aquatic hazard, acute, category 1
EH C1	Aquatic hazard, chronic, category 1
EH C3	Aquatic hazard, chronic, category 3

Wording of any hazard statements listed in section 3

H226	Flammable liquid and vapour
H302	Harmful if swallowed
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
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects