

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form	: Mixture
Trade name	: ORANGE MARMALADE
UFI	: QF9N-Q375-J00E-YDEC
Type of product	: Perfumes, fragrances
Product group	: Trade product

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Main use category	: Professional use, Industrial use
Use of the substance/mixture	: Perfumes, fragrances — fragrance compound for candles, diffusers and air-care products
Function or use category	: Odour agents

For professional use only

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

VEGTEAM Lda - Eco Candle Project
R. Quinta de Santa Marta Lojas EF - 1495-171 Algés, Portugal
info@ecocandleproject.com ; www.ecocandleproject.com

1.4. Emergency telephone number

Emergency number	: CIAV 800 250 250 (Portugal, 24 h)
------------------	-------------------------------------

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Skin irritation, Category 2	: H315
Skin sensitisation, Category 1	: H317
Hazardous to the aquatic environment – Chronic Hazard, Category 3	: H412

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Causes skin irritation. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

2.2. Label elements**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP)	: 
	GHS07
Signal word (CLP)	: Warning
Contains	: (R)-p-mentha-1,8-diene (d-limonene); 3,7-dimethyloctan-3-ol; eucalyptus oil; 2-methyl-3-phenyl-2-propenal; 3-phenyl-2-propenenitrile; α-amylcinnamaldehyde; 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one
Hazard statements (CLP)	: H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P261 - Avoid breathing mist/vapours. P264 - Wash skin thoroughly after handling. P273 - Avoid release to the environment. P280 - Wear protective gloves. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse.
Extra phrases	: For professional users only.



2.3. Other hazards

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1%.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
(R)-p-Mentha-1,8-diene (d-limonene)	CAS-No.: 5989-27-5 EC-No.: 227-813-5 REACH-no: 01-2119529223-47	5 – 10	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412 ATE oral: 5600 mg/kg; ATE dermal: > 5000 mg/kg
2-tert-Butylcyclohexyl acetate	CAS-No.: 88-41-5 / 20298-69-5 / 20298-70-8 EC-No.: 201-828-7 / 243-718-1 / 243-719-7 REACH-no: 01-2119970713-33	5 – 10	Aquatic Chronic 2, H411 ATE oral: 4600 mg/kg; ATE dermal: > 5000 mg/kg
3,5,5-Trimethylhexyl acetate	CAS-No.: 58430-94-7 EC-No.: 261-245-9 REACH-no: 01-2119972325-34	2.5 – 5	Aquatic Chronic 2, H411 ATE oral: 4250 mg/kg
3,7-Dimethyloctan-3-ol (tetrahydrolinalool)	CAS-No.: 78-69-3 EC-No.: 201-133-9 REACH-no: 01-2119454788-21	1 – 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 ATE oral/dermal: > 5000 mg/kg
Eucalyptus oil	CAS-No.: 8000-48-4 / 84625-32-1 EC-No.: 283-406-2 REACH-no: 01-2119978250-37	0.25 – 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 ATE oral: 4440 mg/kg
2-Methyl-3-phenyl-2-propenal (α -methylcinnamaldehyde)	CAS-No.: 101-39-3 EC-No.: 202-938-8 REACH-no: 01-2119538797-21	0.25 – 1	Skin Sens. 1B, H317 Aquatic Acute 1, H400 (M-factor acute = 1) Aquatic Chronic 3, H412 ATE oral: 2050 mg/kg; ATE dermal: > 5000 mg/kg
2-(2-(4-Methyl-3-cyclohexen-1-yl)propyl)cyclopentanone	CAS-No.: 95962-14-4 EC-No.: 404-240-0 REACH-no: 01-2119446649-25	0.25 – 1	Eye Irrit. 2, H319 Aquatic Acute 1, H400 (M-factor acute = 1) Aquatic Chronic 3, H412
3-Phenyl-2-propenenitrile (cinnamonnitrile)	CAS-No.: 4360-47-8 / 1885-38-7 EC-No.: 224-441-5	0.1 – 1	Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Sens. 1B, H317 ATE oral: 275 mg/kg; ATE dermal: 1910 mg/kg
4-Methoxybenzaldehyde (anisaldehyde)	CAS-No.: 123-11-5 EC-No.: 204-602-6 REACH-no: 01-2119977101-43	0.25 – 1	Repr. 2, H361 Aquatic Chronic 3, H412
α -Amylcinnamaldehyde (amyl cinnamal)	CAS-No.: 122-40-7 EC-No.: 800-696-3 REACH-no: 01-2119978288-18	0.25 – 1	Skin Sens. 1B, H317 Aquatic Chronic 2, H411 ATE oral: 3730 mg/kg
1-Methyl-4(3)-(4-methyl-3-pentenyl)-3-cyclohexene-1-carbaldehyde	CAS-No.: 52475-86-2 / 52474-60-9 EC-No.: 915-712-5 REACH-no: 01-2120735080-68	0.25 – 1	Aquatic Acute 1, H400 (M-factor acute = 1) Aquatic Chronic 1, H410 (M-factor chronic = 1)
Undecanal	CAS-No.: 112-44-7 EC-No.: 203-972-6 REACH-no: 01-2119529242-47	0.1 – 0.25	Skin Irrit. 2, H315 Aquatic Acute 1, H400 (M-factor acute = 1) Aquatic Chronic 1, H410 (M-factor chronic = 1) ATE oral/dermal: > 5000 mg/kg



Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Benzaldehyde	CAS-No.: 100-52-7	0.1 –	Acute Tox. 4 (Oral), H302
	EC-No.: 202-860-4	0.25	Acute Tox. 4 (Inhalation), H332
	REACH-no: 01-2119455540-44		Eye Irrit. 2, H319 Repr. 2, H361d STOT SE 3, H335 (respiratory system) Aquatic Chronic 2, H411 ATE oral: 1300 mg/kg
7-Methyl-3-methyleneocta-1,6-diene (myrcene)	CAS-No.: 123-35-3	0.1 –	Flam. Liq. 3, H226
	EC-No.: 204-622-5	0.25	Skin Irrit. 2, H315
	REACH-no: 01-2119514321-56		Eye Irrit. 2, H319 Asp. Tox. 1, H304 Aquatic Acute 1, H400 (M-factor acute = 1) Aquatic Chronic 2, H411 ATE oral/dermal: > 5000 mg/kg
1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one (δ-damascone)	CAS-No.: 57378-68-4 / 71048-82-3	0.025 –	Acute Tox. 4 (Oral), H302
	EC-No.: 260-709-8 / 275-156-8	0.1	Skin Irrit. 2, H315
	REACH-no: 01-2119535122-53		Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M-factor acute = 1) Aquatic Chronic 1, H410 (M-factor chronic = 1) ATE oral: 1400 mg/kg

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Do not leave the victim unattended. Move out of the dangerous area. Show this safety data sheet to the doctor in attendance.
First-aid measures after inhalation	: If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
First-aid measures after skin contact	: Rinse skin thoroughly with water. Take off contaminated clothing. If skin irritation persists or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Protect unharmed eye. Remove contact lenses. Flush eyes with water as a precaution, keeping the eyes wide open. If eye irritation persists, consult a specialist.
First-aid measures after ingestion	: Call a poison center or doctor immediately. Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.

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

Symptoms/effects	: No data available.
Hazards	: Causes skin irritation. May cause an allergic skin reaction.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	: High volume water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards during firefighting	: Do not allow run-off from firefighting to enter drains or watercourses.
--------------------------------------	---

5.3. Advice for firefighters

Protection during firefighting	: Wear self-contained breathing apparatus for firefighting if necessary.
Further information	: Collect contaminated fire extinguishing water separately. It must not enter drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

- Personal precautions : Evacuate personnel to safe areas, upwind of the spill. In an emergency, use approved positive-pressure self-contained breathing apparatus. Use personal protective equipment.

6.2. Environmental precautions

Prevent product from entering drains. If the product contaminates rivers and lakes, inform the respective authorities.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Clean contaminated floors and objects thoroughly while observing environmental regulations. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

For further information refer to sections 8 and 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

- Precautions for safe handling : Do not breathe vapours. Avoid exposure — obtain special instructions before use. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.
- Fire and explosion protection : Normal measures for preventive fire protection. Flash point 67 °C: when adding to hot wax, work away from flames and ignition sources and avoid overheating.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
- Storage temperature : 10 – 30 °C (50 – 85 °F). Dry, well ventilated, preferably full, tightly closed.
- Advice on common storage : Protect from light.
- Storage class (TRGS 510) : 10 - Combustible liquids

7.3. Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

Contains no substances with occupational exposure limit values.

- DNEL and PNEC : No additional information available

8.2. Exposure controls

- Appropriate engineering controls : Use engineering controls to keep airborne concentrations below exposure limits. If no limit is established, use only with adequate ventilation.
- Eye and face protection : Safety glasses tested according to EN 166 / ANSI Z87.1 or equivalent.
- Hand protection : Wear gloves when handling the product in open systems. Incidental contact: gloves tested to EN 16523-1 / ASTM F739 with breakthrough time ≥ 10 min; change frequently. Direct contact: permeation time must exceed contact time.
- Skin and body protection : Wear work clothes covering arms and legs. Apron, sleeve covers or full chemical protective clothing if exposure is expected.
- Respiratory protection : Required where exposure exceeds limits or causes irritation/odour. Where risk assessment allows cartridges: ABEK-P3 (EN 14387) or P100. Emergency: approved positive-pressure self-contained breathing apparatus.



Hygiene measures	: Remove contaminated clothing and protective equipment before entering eating areas. Do not eat, drink or smoke when working. Always wash hands after handling.
Environmental exposure controls	: Prevent product from entering drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Light yellow to yellow
Odour	: Citrus, orange, marmalade
Odour threshold	: Not applicable
Flammability	: Not applicable
Flash point	: 67 °C (Method: Grabner miniflash closed cup)
Explosive limits	: Not determined
Auto-ignition temperature	: Not determined
pH	: Not determined
Viscosity, kinematic	: No data available
Solubility	: Practically insoluble in water
Partition coefficient n-octanol/water	: Not applicable
Vapour pressure	: 0.2521 hPa at 20 °C (calculated)
Density	: 975.24 kg/m ³ at 20 °C
Particle characteristics	: Not applicable

9.2. Other information

Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

No decomposition if stored and applied as directed.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No decomposition if stored and applied as directed.

10.4. Conditions to avoid

Light, excessive heat and ignition sources.

10.5. Incompatible materials

Not applicable.

10.6. Hazardous decomposition products

No data available. On combustion: carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified — ATE > 2000 mg/kg (calculation method). LD50 oral (rat) of components: d-limonene 5600 mg/kg; cinnamonnitrile 275 mg/kg; benzaldehyde 1300 mg/kg; δ-damascone 1400 mg/kg
Acute toxicity (dermal)	: Not classified — ATE > 2000 mg/kg (calculation method)
Acute toxicity (inhalation)	: Not classified due to lack of data
Skin corrosion/irritation	: Causes skin irritation (Skin Irrit. 2). May cause skin irritation and/or dermatitis.
Serious eye damage/irritation	: Not classified — vapours may irritate eyes, respiratory tract and skin
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Phototoxicity	: No data available for the product itself.
Germ cell mutagenicity	: Not classified due to lack of data
Carcinogenicity	: Not classified due to lack of data
Reproductive toxicity	: Not classified due to lack of data
STOT-single exposure	: Not classified due to lack of data
STOT-repeated exposure	: Not classified due to lack of data



Aspiration hazard : Not classified due to lack of data

11.2. Information on other hazards

Endocrine disrupting properties : The mixture does not contain components considered to have endocrine disrupting properties at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.
Hazardous to the aquatic environment, long-term (chronic) : Aquatic Chronic 3 (H412)
M-factor = 1 : 2-methyl-3-phenyl-2-propenal; 2-(2-(4-methyl-3-cyclohexen-1-yl)propyl)cyclopentanone; 1-methyl-4(3)-(4-methyl-3-pentenyl)-3-cyclohexene-1-carbaldehyde; undecanal; myrcene; δ-damascone

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

The mixture does not contain components considered to be PBT or vPvB at levels of 0.1% or higher.

12.6. Endocrine disrupting properties

The mixture does not contain components considered to have endocrine disrupting properties at levels of 0.1% or higher.

12.7. Other adverse effects

Additional information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product : Offer to a licensed disposal company. Dispose of in accordance with local regulations. Do not allow to enter drains, water courses or the soil.
Contaminated packaging : Do not expose empty containers to high temperatures. Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.
HP Code : HP14 - Ecotoxic

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA

	ADR	RID	IMDG	IATA
14.1. UN number	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards	No	No	Marine pollutant: No	No

14.6. Special precautions for user

IMDG Code Segregation group : None

14.7. Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

REACH Annex XVII (Restriction List)	: Conditions of restriction for entries 3 and 75 should be considered (entry 75: if intended for use as tattoo ink, contact the supplier).
REACH Annex XIV (Authorisation List)	: Contains no substance(s) listed
REACH Candidate List (SVHC)	: Contains no substance(s) listed
Seveso Directive (major accidents)	: Not applicable
Germany - Water hazard class (WGK)	: WGK 2, significantly hazardous to water (AwSV, Annex 1 (5.2))
IFRA (51st Amendment)	: Maximum use levels — Cat. 1: 0.00%; Cat. 2: 4.97%; Cat. 5D, 8, 11A, 11B: 6.70%; Cat. 3, 4, 5A–5C, 7A, 7B, 9, 10A, 10B: 10.80%; Cat. 12 (candles): 100.00%. See IFRA certificate.

15.2. Chemical safety assessment

A chemical safety assessment is not required for this mixture.

SECTION 16: Other information

Revision	: Version 1.0 — Eco Candle Project edition, September 2026 (based on supplier SDS v1.0, 17/03/2026)
----------	---

Full text of H- and EUH-statements:

Code	Text
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H361	Suspected of damaging fertility or the unborn child.
H361d	Suspected of damaging the unborn child.
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.
H412	Harmful to aquatic life with long lasting effects.

The information in Section 3 is provided to understand the hazards of the product and to ensure safe manufacturing, storage and transport; it is not intended for registration, notification or any other purpose.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Eco Candle Project, Vegteam Lda | Algés, Portugal — September 2026 | Version 1.0