



SAFETY DATA SHEET

WATERMELON LEMONADE — fragrance compound, 100%

According to Regulation (EC) No 1907/2006 (REACH), Annex II, as amended by Regulation (EU) 2020/878

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

1.1 Product identifier

Product form	Mixture
Trade name	WATERMELON LEMONADE
UFI	4JEM-9C3Y-C002-7P0C
Type of product	Perfumes, fragrances

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

Identified uses	Fragrance compound for the manufacture of candles, wax melts, diffusers and air-care products. For professional use.
Uses advised against	Not for personal use. Not for direct application to skin. Cosmetic use only within the IFRA limits and with a cosmetic safety assessment.

1.3 Details of the supplier of the safety data sheet

Company	VEGTEAM, Lda. — Eco Candle Project
Address	R. Quinta de Santa Marta, Lojas EF, 1495-171 Algés, Portugal
E-mail	info@ecocandleproject.com
Website	www.ecocandleproject.com

1.4 Emergency telephone number

Emergency number	CIAV — Poison Information Centre (INEM): +351 800 250 250 (24 h)
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Skin sensitisation	Skin Sens. 1 — H317
Aquatic hazard, chronic	Aquatic Chronic 3 — H412

Classification calculated by Eco Candle Project with the CLP calculation method (Regulation (EC) No 1272/2008), using the upper limit of each concentration range declared by the manufacturer and, for citral, the exact value of the manufacturer's allergen declaration and IFRA certificate (2.942%). The calculation reproduces the manufacturer's classification of the pure fragrance (H317, H412). The sum of skin-irritant components at $\geq 1\%$ (benzyl alcohol, citral, lemon oil) is 9.94%, just below the 10% limit, so no Skin Irrit. 2 applies. Lemon oil (Repr. 2, $\leq 2\%$) and helional (Repr. 2, $\leq 0.6\%$) are below the 3% generic limit and do not lead to classification. The 5%, 10% and 25% preparations are consistent with the manufacturer's SDSs for those dilutions in dipropylene glycol (not classified; not classified; H412); at 25% Augéo Clean Multi adds Eye Irrit. 2 — H319. The IFRA Category 10A limit is 25%, so the diffuser preparation is calculated at 25%.

2.2 Label elements



GHS07

Hazard pictograms	GHS07
Signal word	WARNING
Contains (hazard-determining)	Citral, 2,6-Dimethyl-5-heptenal, Lemon oil, Allyl cyclohexylpropionate



Hazard statements	H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects.
Supplemental information	EUH208 Contains Methylenedioxyphenyl methylpropanal, Triplal (2,4-dimethylcyclohex-3-ene-1-carbaldehyde), Methyl 2-nonynoate, Citronellol. May produce an allergic reaction.
Precautionary statements	P261 Avoid breathing mist/vapours/spray. P273 Avoid release to the environment. P280 Wear protective gloves/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P501 Dispose of contents/container in accordance with local regulations.
Finished product	Candles: also apply the safety labelling of EN 15494. When supplied to consumers add P101/P102 and the name, address and telephone of the supplier.

2.3 Other hazards

The mixture contains no Substances of Very High Concern (SVHC) $\geq 0.1\%$, no PBT/vPvB substances (REACH Annex XIII) and no substances with endocrine-disrupting properties $\geq 0.1\%$ (Delegated Regulation (EU) 2017/2100 / Regulation (EU) 2018/605).

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Mixture of fragrance substances. Hazardous components (and substances with a workplace exposure limit) as declared by the manufacturer:

Name	Identifiers	%	Classification (EC) No 1272/2008
Bis(2-ethylhexyl) adipate	CAS 103-23-1 EC 203-090-1 REACH 01-2119439699-19	34.50 – 69.05	
Benzyl alcohol	CAS 100-51-6 EC 202-859-9 REACH 01-2119492630-38	2.50 – 5.00	Acute Tox. 4 (oral), H302; Acute Tox. 4 (inhalation), H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319
Ethyl maltol	CAS 4940-11-8 EC 225-582-5	1.50 – 3.00	Acute Tox. 4 (oral), H302
Citral	CAS 5392-40-5 EC 226-394-6 REACH 01-2119462829-23	1.50 – 2.90	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317
2,6-Dimethyl-5-heptenal	CAS 106-72-9 EC 203-427-2	1.30 – 2.50	Skin Sens. 1B, H317
Lemon oil (Citrus limon)	CAS 8008-56-8 EC 284-515-8	1.00 – 2.00	Flam. Liq. 3, H226; Skin Irrit. 2, H315; Skin Sens. 1, H317; Repr. 2, H361; Aquatic Chronic 2, H411
Allyl cyclohexylpropionate	CAS 2705-87-5 EC 220-292-5	0.700 – 1.30	Acute Tox. 4 (oral), H302; Acute Tox. 4 (dermal), H312; Skin Sens. 1, H317; Aquatic Chronic 1, H410
Methylenedioxyphenyl methylpropanal	CAS 1205-17-0 EC 214-881-6 REACH 01-2120740119-58	0.300 – 0.600	Skin Sens. 1B, H317; Repr. 2, H361; Aquatic Chronic 2, H411
Methyl non-2-enoate	CAS 111-79-5 EC 203-908-7	0.300 – 0.500	Aquatic Acute 1, H400; Aquatic Chronic 2, H411
Triplal (2,4-dimethylcyclohex-3-ene-1-carbaldehyde)	CAS 68039-49-6 EC 268-264-1	0.200 – 0.329	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; Aquatic Chronic 3, H412
Methyl 2-nonynoate	CAS 111-80-8 EC 203-909-2 REACH 01-2120139912-55	0.100 – 0.250	Acute Tox. 4 (oral), H302; Skin Sens. 1, H317
Allyl hexanoate	CAS 123-68-2 EC 204-642-4 REACH 01-2119983573-26	0.100 – 0.250	Acute Tox. 3 (oral), H301; Acute Tox. 3 (dermal), H311; Acute Tox. 3 (inhalation), H331; Aquatic Acute 1, H400; Aquatic Chronic 3, H412



Name	Identifiers	%	Classification (EC) No 1272/2008
Citronellol	CAS 106-22-9 EC 203-375-0 REACH 01-2119453995-23	0.100 – 0.200	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317
Isobutyl acetate	CAS 110-19-0 EC 203-745-1	0.100 – 0.150	Flam. Liq. 2, H225; STOT SE 3, H336
Benzyl benzoate	CAS 120-51-4 EC 204-402-9 REACH 01-2119976371-33	0.100 – 0.110	Acute Tox. 4 (oral), H302; Aquatic Acute 1, H400; Aquatic Chronic 2, H411
1-Decanol	CAS 112-30-1 EC 203-956-9	< 0.007	Aquatic Chronic 3, H412
Hexanal	CAS 66-25-1 EC 200-624-5	< 0.002	Flam. Liq. 3, H226
Hexanoic acid	CAS 142-62-1 EC 205-550-7	< 0.0001	Eye Dam. 1, H318; Skin Corr. 1C, H314

Full text of H-statements: see Section 16.

SECTION 4: First aid measures

Eye contact	Rinse cautiously with water for at least 15 minutes, holding eyelids open. Remove contact lenses if easy to do. If eye irritation persists, seek medical advice.
Skin contact	Remove contaminated clothing. Wash skin with plenty of soap and water. If skin irritation or rash occurs, seek medical advice.
Inhalation	Move the person to fresh air and keep at rest. If symptoms persist, seek medical advice.
Ingestion	Rinse mouth. Do NOT induce vomiting. Contact the Poison Centre (CIAV 800 250 250) or a doctor.
Most important symptoms	May cause an allergic skin reaction.
Medical attention	Treat symptomatically.

SECTION 5: Firefighting measures

Suitable extinguishing media	Foam, dry chemical powder, carbon dioxide (CO ₂).
Unsuitable extinguishing media	Water jet.
Special hazards	Combustion may release smoke, CO and CO ₂ . Prevent run-off from entering drains or watercourses.
Advice for firefighters	Self-contained breathing apparatus and full protective clothing.

SECTION 6: Accidental release measures

Personal precautions	Wear gloves and eye protection. Ensure ventilation. Remove ignition sources.
Environmental precautions	Prevent entry into drains, watercourses or soil.
Containment and cleaning up	Absorb with inert material (sand, diatomaceous earth, universal binder) and place in closed containers for disposal.

SECTION 7: Handling and storage

7.1 Safe handling	Avoid contact with skin and eyes; do not breathe vapours. Keep away from heat, ignition sources and naked flames. Do not eat, drink or smoke in the work area. Wash hands after handling.
7.2 Storage	Keep container tightly closed in a cool, dry, well-ventilated place (10–25 °C), protected from light, heat and ignition sources. Keep out of reach of children.
7.3 Specific end uses	See Section 1.2 and the IFRA certificate.

**SECTION 8: Exposure controls/personal protection**

8.1 Control parameters	Exposure limits listed by the manufacturer: Benzyl alcohol, CAS 100-51-6 — Germany (TRGS 900) AGW 22 mg/m ³ / 5 ppm; Finland HTP 45 mg/m ³ / 10 ppm (8 h); Citral, CAS 5392-40-5 — Portugal: 5 ppm (8 h TWA); Isobutyl acetate, CAS 110-19-0 — EU IOELV / Portugal: 241 mg/m ³ - 50 ppm (8 h TWA); 723 mg/m ³ - 150 ppm (STEL). DNEL/PNEC: not available for the mixture.
Engineering controls	Adequate general ventilation; local exhaust for heated or large-scale operations. Eyewash available.
Eye/face protection	Safety glasses with side shields or goggles (EN 166).
Hand protection	Chemical-resistant nitrile gloves (EN ISO 374), ≥ 0.2 mm.
Respiratory protection	Not required with adequate ventilation; otherwise filter type A (EN 14387).

SECTION 9: Physical and chemical properties

Physical state	Liquid
Colour	Light yellow to amber
Odour	Characteristic — juicy fruity-citrus (watermelon, lemon, melon, green notes)
Flash point	73 °C
Flammability	Not classified (flash point > 60 °C)
pH	Not applicable
Solubility in water	Practically insoluble
Other properties	Melting/boiling point, density, vapour pressure, viscosity, auto-ignition: not determined by the manufacturer.

SECTION 10: Stability and reactivity

Reactivity / stability	Stable under normal conditions of use and storage. No dangerous reactions known.
Conditions to avoid	Heat, flames, ignition sources.
Incompatible materials	Strong oxidising agents.
Hazardous decomposition	In case of combustion: CO, CO ₂ and smoke.

SECTION 11: Toxicological information

Acute toxicity (oral)	Not classified (ATE ≈ 7,710 mg/kg)
Skin corrosion/irritation	Not classified
Eye irritation	Not classified
Skin sensitisation	Skin Sens. 1 — H317
Aspiration hazard	Not classified
Mutagenicity, carcinogenicity, reproductive toxicity, STOT	Not classified

SECTION 12: Ecological information

12.1 Toxicity	Aquatic Chronic 3 — H412. Main contributors: allyl cyclohexylpropionate, lemon oil, methylenedioxyphenyl methylpropanal, methyl non-2-enoate and allyl hexanoate.
12.2-12.7	No data for the mixture. No PBT/vPvB or endocrine-disrupting substances ≥ 0.1%. Do not allow to enter drains or watercourses.

**SECTION 13: Disposal considerations**

Product	Dispose of through a licensed waste operator according to local/national regulations. Do not discharge to drains.
Hazardous properties (waste)	HP13, HP14
Contaminated packaging	Empty completely; do not reuse; dispose of as unused product.

SECTION 14: Transport information

Not classified as dangerous goods (ADR/RID/IMDG/IATA) at 100% — Aquatic Chronic 3 is not regulated for transport.

SECTION 15: Regulatory information

EU regulations	Regulation (EC) No 1272/2008 (CLP); Regulation (EC) No 1907/2006 (REACH); Regulation (EU) 2020/878.
SVHC / Annex XIV / Annex XVII	No SVHC $\geq 0.1\%$; no Annex XIV substances.
PCN / UFI	UFI 4JEM-9C3Y-C002-7P0C (manufacturer's notification).
IFRA (51st)	Candles (Cat. 12): no restriction (100%). Reed diffusers (Cat. 10A): max 25.00%. Room sprays (Cat. 10B): max 28.80%. Fine fragrance (Cat. 4): max 4.00%. See IFRA certificate.

SECTION 16: Other information

Revision	Version 1.0 — Eco Candle Project edition, 22/10/2026. Based on the manufacturer's SDS for the pure fragrance (revision of 29/02/2024, issued 29/02/2024), allergen declaration and IFRA 51st Amendment certificate (29/02/2024). The manufacturer declares component concentrations as ranges; the classification was calculated conservatively using the upper limit of each range.
Abbreviations	ATE = Acute Toxicity Estimate; UFI = Unique Formula Identifier; PCN = Poison Centre Notification; SCL = specific concentration limit; SVHC = Substance of Very High Concern.

Full text of H-statements (Sections 2 and 3):

H225 Highly flammable liquid and vapour. **H226** Flammable liquid and vapour. **H301** Toxic if swallowed. **H302** Harmful if swallowed. **H311** Toxic in contact with skin. **H312** Harmful in contact with skin. **H314** Causes severe skin burns and eye damage. **H315** Causes skin irritation. **H317** May cause an allergic skin reaction. **H318** Causes serious eye damage. **H319** Causes serious eye irritation. **H331** Toxic if inhaled. **H332** Harmful if inhaled. **H336** May cause drowsiness or dizziness. **H361** Suspected of damaging fertility or 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.

This information is based on our current knowledge and on the manufacturer's data and describes the product for health, safety and environmental purposes only. Users must ensure suitability for their own application.