SAFETY DATA SHEET

ARONIA & CASSIS — 13% preparation in Augeo Clean Multi
According to Regulation (EC) No 1907/2006 (REACH), Annex II, as amended by Regulation (EU) 2020/878

⚠ **NOTE:** This document applies to the final mixture containing 13% of ARONIA & CASSIS fragrance and 87% of Augeo Clean Multi. Classification calculated by Eco Candle Project from the composition declared in the manufacturer's SDS for the pure fragrance (CLP calculation method, Regulation (EC) No 1272/2008, Annex I), including Augeo Clean Multi, which is classified Eye Irrit. 2 (H319).

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

1.1 Product identifier

Product form	Mixture
Trade name	Preparation with ARONIA & CASSIS at 13%
UFI (pure fragrance)	09QE-R1VK-900C-VU57
Type of product	Perfumes, fragrances
Base	Augeo Clean Multi (2,2-dimethyl-1,3-dioxolane-4-methanol, CAS 100-79-8) — 87%

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

Identified uses	Reed-diffuser liquid in Augeo Clean Multi (13% fragrance complies with the IFRA 10A limit of 13.59%).
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)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Result	MIXTURE CLASSIFIED AS HAZARDOUS — H319, H412
Aquatic hazard, chronic	Aquatic Chronic 3 — H412. 10 × M × Σ Chronic 1 + Σ Chronic 2 = 2.5% (≥ 25% → Chronic 2); 100 × M × Σ Chronic 1 + 10 × Σ Chronic 2 + Σ Chronic 3 = 26.3%.
Skin sensitisation	Not classified — highest sensitiser tetrahydrolinalool 0.84% < 1%. EUH208 applies (≥ 1/10 of the limit).
Eye irritation	Eye Irrit. 2 — H319, due to Augeo Clean Multi (87%, Eye Irrit. 2). Σ Eye Irrit. 2 (≥ 1%) ≈ 87.0% (threshold: 10%).
Skin irritation	Not classified — Σ Skin Irrit. 2 (≥ 1%) = 0.00% (threshold: 10%).
Aspiration hazard	Not classified — Σ Asp. Tox. 1 = 0.00% (threshold: 10%).
Acute toxicity (oral)	Not classified — ATE mix ≈ 103,431 mg/kg (threshold: 2000 mg/kg).
Notes	The pure fragrance (100%) is classified H317, H319 and H412 (WARNING). See Annex — Calculation record.

2.2 Label elements

GHS07

Hazard pictograms	GHS07
Signal word	Warning
Hazard statements	H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
Supplemental information	EUH208 Contains Tetrahydrolinalool, Ethyl methylphenylglycidate (strawberry aldehyde), Triplal (2,4-dimethylcyclohex-3-ene-1-carbaldehyde), Eucalyptol (1,8-cineole), Cornmint oil (Mentha arvensis), rectified, delta-Damascone (rose ketone). May produce an allergic reaction.
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P273 Avoid release to the environment. P280 Wear protective gloves/eye protection/face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: 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) ≥ 0.1%, no PBT/vPvB substances (REACH Annex XIII) and no substances with endocrine-disrupting properties ≥ 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 — concentrations refer to the FINAL mixture at 13% (manufacturer's values × 0.13):

Name	Identifiers	%	Classification (EC) No 1272/2008
2-tert-Butylcyclohexyl acetate	CAS 88-41-5 EC 201-828-7 REACH 01-2119970713-33	0.390 – 1.30	Aquatic Chronic 2, H411
Ionone	CAS 8013-90-9 / 127-41-3 EC 204-841-6 REACH 01-2120138061-71	0.390 – 1.30	Aquatic Chronic 3, H412
Ethyl heptanoate	CAS 106-30-9 EC 203-382-9 REACH 01-2120104876-54	0.390 – 1.30	Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 3, H412
Tetrahydrolinalool	CAS 78-69-3 EC 201-133-9 REACH 01-2119454788-21	0.390 – 1.30	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317
Ethyl methylphenylglycidate (strawberry aldehyde)	CAS 77-83-8 EC 201-061-8 REACH 01-2119967770-28	0.325 – 0.389	Skin Sens. 1B, H317; Aquatic Chronic 2, H411
Triplal (2,4-dimethylcyclohex-3-ene-1-carbaldehyde)	CAS 68039-49-6 EC 268-264-1	0.130 – 0.324	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 2, H411
Cis-Hex-3-En-1-Ol	CAS 928-96-1 EC 213-192-8 REACH 01-2119969743-23	0.130 – 0.324	Flam. Liq. 3, H226; Eye Irrit. 2, H319

Name	Identifiers	%	Classification (EC) No 1272/2008
Ethyl vanillin	CAS 121-32-4 EC 204-464-7 REACH 01-2119958961-24	0.130 – 0.324	Eye Irrit. 2, H319
Vanillin	CAS 121-33-5 EC 204-465-2 REACH 01-2119516040-60	0.130 – 0.324	Eye Irrit. 2, H319
Eucalyptol (1,8-cineole)	CAS 470-82-6 EC 207-431-5 REACH 01-2119967772-24	0.130 – 0.324	Flam. Liq. 3, H226; Eye Irrit. 2, H319; Skin Sens. 1B, H317
Cornmint oil (Mentha arvensis), rectified	CAS 68917-18-0 / 90063-97-1 EC 290-058-5 REACH 01-2119973492-30	0.130 – 0.324	Acute Tox. 4 (oral), H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; Aquatic Chronic 2, H411
Ethyl butanoate	CAS 105-54-4 EC 203-306-4 REACH 01-2120118576-54	0.130 – 0.324	Flam. Liq. 3, H226; Eye Irrit. 2, H319
Carvone	CAS 6485-40-1 EC 229-352-5 REACH 01-2119962458-25	0.013 – 0.129	Skin Sens. 1B, H317
Methyl cinnamate	CAS 103-26-4 EC 203-093-8 REACH 01-2119979458-16	0.013 – 0.129	Skin Sens. 1B, H317
2-Hexenal	CAS 6728-26-3 EC 229-778-1 REACH 01-2120770494-48	0.013 – 0.129	Flam. Liq. 3, H226; Acute Tox. 4 (oral), H302; Acute Tox. 3 (dermal), H311; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317
Linalyl acetate	CAS 115-95-7 EC 204-116-4 REACH 01-2119454789-19	0.013 – 0.129	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317
Beta-Damascone	CAS 23726-91-2 / 23726-92-3 EC 245-842-1	0.013 – 0.129	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 2, H411
Allyl heptanoate	CAS 142-19-8 EC 205-527-1 REACH 01-2119488961-23	0.013 – 0.129	Acute Tox. 3 (oral), H301; Acute Tox. 3 (dermal), H311; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 3, H412
Allyl hexanoate	CAS 123-68-2 EC 204-642-4 REACH 01-2119983573-26	0.013 – 0.129	Acute Tox. 3 (oral), H301; Acute Tox. 3 (dermal), H311; Acute Tox. 3 (inhalation), H331; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 3, H412
Rose oxide	CAS 16409-43-1 EC 240-457-5 REACH 01-2119976300-42	0.013 – 0.129	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Repr. 2, H361
delta-Damascone (rose ketone)	CAS 57378-68-4 EC 260-709-8 REACH 01-2119535122-53	0.013 – 0.129	Acute Tox. 4 (oral), H302; Skin Irrit. 2, H315; Skin Sens. 1A, H317; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 1, H410 (M = 1)
Amyl cinnamal	CAS 122-40-7 EC 204-541-5	0.017	Skin Sens. 1B, H317; Aquatic Chronic 2, H411
Augeo Clean Multi	CAS 100-79-8 EC 202-888-8	87	Eye Irrit. 2, H319

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	Eye irritation.
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	No occupational exposure limits for the components. 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
Odour	Characteristic — aronia, blackcurrant
Flash point	Not determined for the preparation; pure fragrance 62 °C (closed cup); Augeo Clean Multi 91 °C
Density	Augeo Clean Multi 1.069 g/cm³; mixture not determined
Solubility	Augeo is miscible with water and alcohols

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 ≈ 103,431 mg/kg)
Skin corrosion/irritation	Not classified
Eye irritation	Eye Irrit. 2 — H319
Skin sensitisation	Not classified (EUH208)
Aspiration hazard	Not classified
Mutagenicity, carcinogenicity, reproductive toxicity, STOT	Not classified

SECTION 12: Ecological information

12.1 Toxicity	Aquatic Chronic 3 — H412. Main contributors: 2-tert-Butylcyclohexyl acetate, ethyl heptanoate, delta-Damascone (rose ketone), ethyl methylphenylglycidate (strawberry aldehyde) and triplal (2,4-dimethylcyclohex-3-ene-1-carbaldehyde).
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)	HP4, 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 13% — Aquatic Chronic 3 is not regulated for transport. The pure fragrance (100%) is not regulated for transport either.

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 ≥ 0.1%; no Annex XIV substances.
PCN / UFI	Classified for health hazards (H319): a PCN with its own UFI is required if this preparation is placed on the market; the fragrance UFI (09QE-R1VK-900C-VU57) can be declared as a component (MiM).
IFRA (51st)	Reed diffusers (Cat. 10A): max 13.59% fragrance — this 13% preparation complies if used neat. Room sprays (Cat. 10B): max 13.59% fragrance.

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 (version 3 of 21/09/2023, issued 21/09/2023), allergen declaration and IFRA 51st Amendment certificate (04/09/2023). The manufacturer declares component concentrations as ranges. The exact value from the manufacturer's allergen declaration (22/06/2023) was used for amyl cinnamal and the midpoint of the range otherwise; with these values the calculation reproduces the manufacturer's classification of the pure fragrance (H317, H319, H412). Using the upper limit of every range would add Skin Irrit. 2 — H315 and Aquatic Chronic 2 — H411, which the manufacturer — who knows the exact formula — does not apply. The manufacturer has not issued SDSs for diluted preparations — the classifications of the 5%, 10% and 13% preparations were calculated by Eco Candle Project with the CLP calculation method. UFI 09QE-R1VK-900C-VU57 as confirmed by the manufacturer (22/10/2026). Classification of the 13% preparation calculated by Eco Candle Project.
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):

H226 Flammable liquid and vapour. **H301** Toxic if swallowed. **H302** Harmful if swallowed. **H311** Toxic in contact with skin. **H315** Causes skin irritation. **H317** May cause an allergic skin reaction. **H319** Causes serious eye irritation. **H331** Toxic if inhaled. **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. If a different base is used, the classification must be recalculated.

ANNEX — Calculation record (13%)

Hazard class	Fragrance 100%	Calculation at 13% / threshold	Result at 13%
Acute toxicity (oral)	Not classified (ATE 13,446)	ATE ≈ 103,431 mg/kg / ≤ 2000	Not classified
Aspiration hazard	Not classified	Σ = 0.00% / ≥ 10%	Not classified
Skin irritation	Not classified	Σ = 0.00% / ≥ 10%	Not classified
Eye irritation	Eye Irrit. 2	Σ = 87.0% / ≥ 10%	Eye Irrit. 2 — H319
Skin sensitisation	Skin Sens. 1	tetrahydrolinalool 0.84% / ≥ 1%	Not classified (EUH208)
Aquatic chronic	Aquatic Chronic 3	C2: 2.5%; C3: 26.3% / ≥ 25%	Aquatic Chronic 3 — H412
Physical hazards	Not classified (FP 62 °C)	FP > 60 °C	Not classified

Calculated from the composition declared in the manufacturer's SDS (100%). The same method reproduces the manufacturer's classification of the pure fragrance; Augeo Clean Multi adds H319.