SAFETY DATA SHEET

In accordance with Regulation (EC) No 1907/2006, as amended by Regulation (EU) 2020/878

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

1.1 Product identifier

Product name: MUSA FLORAL – Fragrance for reed diffuser (mikado), alcohol base

Reference: 415731

Product type: Ready-to-use mixture: 30% fragrance concentrate + 70% ethanol 96°.

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

Relevant identified uses: Liquid air freshener for reed diffuser (mikado). Consumer and professional use.

Uses advised against: Any use other than those recommended. Do not apply to the skin. Do not ingest.

Revision date: 21/10/2026 Version: 1

1.3 Details of the supplier of the safety data sheet

Company: Naturcera

Address: C/Lleida 1 (Pol. Ind. de la Riera de Riudemeia), 08317 Òrrius, Barcelona, Spain

Telephone: +34 93 185 55 00

E-mail: contacto@naturcera.com

1.4 Emergency telephone number

Emergency telephone number: Spanish Toxicology Information Service (SIT): +34 91 562 04 20 (24 hours)

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008:

Flammable liquids, category 2; H225

Serious eye damage/eye irritation, category 2; H319

Skin sensitisation, category 1; H317

Hazardous to the aquatic environment, long-term (chronic) hazard, category chronic 2; H411

2.2 Label elements



GHS02 GHS07 GHS09

Signal word: Danger

Contains: 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, Linalyl acetate, [3R-(3α,3aβ,6α,7β,8aα)]-octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl acetate, (ethoxymethoxy)cyclododecane

Hazard statements:

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H317: May cause an allergic skin reaction.

H411: Toxic to aquatic life with long lasting effects.

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P261: Avoid breathing vapours.

P273: Avoid release to the environment.

P280: Wear protective gloves/eye protection.

P302+P352: IF ON SKIN: Wash with plenty of water.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

P391: Collect spillage.

P403+P235: Store in a well-ventilated place. Keep cool.

P501: Dispose of contents/container to an approved waste disposal plant.

Contains 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, Linalyl acetate, [3R-(3α,3aβ,6α,7β,8aα)]-octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl acetate, (ethoxymethoxy)cyclododecane, [3R-(3α,3aβ,7β,8aα)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one, Geranyl acetate, 4-tert-butylcyclohexyl acetate, Pinene, 2,4-dimethylcyclohex-3-ene-1-carbaldehyde, cis-hex-3-en-1-yl methyl carbonate, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one, 1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one. May produce an allergic reaction.

2.3 Other hazards

Additional physical hazards: Vapours may form explosive mixtures with air.

Results of PBT and vPvB assessment: The product does not contain substances identified as PBT and/or vPvB at a concentration equal to or greater than 0.1% (w/w).

Endocrine disrupting properties: The product does not contain substances identified as having endocrine disrupting properties for human health or the environment at a concentration equal to or greater than 0.1% (w/w).

SECTION 3. Composition/information on ingredients

3.2 Mixtures

Mixture of ethanol (70%) and fragrance concentrate (30%). The concentration ranges of the fragrance components correspond to their concentration in the final product (concentrate range × 0.3).

Concentration range of the component (% weight/weight)	EC number / Registration number	CAS No.	Chemical name	Hazard class and category codes; Hazard statement codes
70%	200-578-6 Index No. 603-002-00-5	64-17-5	Ethanol (ethyl alcohol)	Flam. Liq. 2;H225 - Eye Irrit. 2;H319
≥ 3% and <7.5%	405-040-6 01-0000015458-64	63500-71-0	tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixture of isomers (cis and trans)	Eye Irrit. 2;H319
≥ 3% and <7.5%	203-347-8 01-2119976314-33	105-95-3	1,4-dioxacycloheptadecane-5,17-dione	Aquatic Chronic 3;H412
≥ 1.5% and <3%	259-174-3 01-2119489989-04	54464-57-2	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	Skin Irrit. 2;H315 - Skin Sens. 1B;H317 - Aquatic Chronic 1;H410
≥ 0.3% and <1.5%	248-561-2 01-2120234292-65	27606-09-3	2,4-dimethyl-4,4a,5,9b-tetrahydroindeno[1,2-d]-1,3-dioxin	Acute Tox. 4;H302 - Aquatic Chronic 3;H412
≥ 0.3% and <1.5%	204-116-4 01-2119454789-19 N.A	115-95-7	Linalyl acetate	Skin Irrit. 2;H315 - Eye Irrit. 2;H319 - Skin Sens. 1B;H317

Concentration range of the component (% weight/weight)	EC number / Registration number	CAS No.	Chemical name	Hazard class and category codes; Hazard statement codes
≥ 0.3% and <1.5%	200-456-2 01-2119963921-31	60-12-8	2-phenylethanol	Acute Tox. 4;H302 - Eye Irrit. 2;H319
≥ 0.3% and <1.5%	251-020-3 01-2119969651-28 N.A	32388-55-9	[3R-(3α,3aβ,7β,8aα)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one	Skin Sens. 1B;H317 - Aquatic Acute 1;H400 - Aquatic Chronic 1;H410
≥ 0.3% and <1.5%	201-036-1 N.A	77-54-3	[3R-(3α,3aβ,6α,7β,8aα)]-octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl acetate	Skin Sens. 1B;H317 - Aquatic Acute 1;H400 - Aquatic Chronic 1;H410
≥ 0.3% and <1.5%	205-775-0 01-2119959860-27 N.A	150-84-5	Citronellyl acetate	Skin Irrit. 2;H315 - Aquatic Chronic 2;H411
≥ 0.3% and <1.5%	261-332-1 01-2119971571-34	58567-11-6	(ethoxymethoxy)cyclododecane	Skin Irrit. 2;H315 - Skin Sens. 1B;H317 - Aquatic Chronic 2;H411
≥ 0.3% and <1.5%	422-320-3 01-0000016883-62	34902-57-3 111879-80-2	oxacyclohexadecen-2-one	Aquatic Acute 1;H400 - Aquatic Chronic 1;H410
≥ 0.3% and <1.5%	203-341-5 01-2119973480-35 N.A	105-87-3	Geranyl acetate	Skin Irrit. 2;H315 - Skin Sens. 1;H317 - Aquatic Chronic 3;H412
≥ 0.03% and <0.3%	250-954-9 01-2119976286-24	32210-23-4	4-tert-butylcyclohexyl acetate	Skin Sens. 1B;H317
≥ 0.03% and <0.3%	240-457-5 N.A 01-2119976300-42	16409-43-1	tetrahydro-4-methyl-2-(2-methylprop-1-enyl)pyran	Skin Irrit. 2;H315 - Eye Irrit. 2;H319 - Repr. 2;H361f
≥ 0.03% and <0.3%	412-300-2 01-0000015959-52	139504-68-0	1-[(2-tert-butyl)cyclohexyloxy]-2-butanol	Eye Irrit. 2;H319 - Aquatic Chronic 2;H411
≥ 0.03% and <0.3%	215-533-6 N.A	1330-16-1	Pinene	Flam. Liq. 3;H226 - Skin Irrit. 2;H315 - Skin Sens. 1;H317 - Asp. Tox. 1;H304 - Aquatic Acute 1;H400 - Aquatic Chronic 1;H410
≥ 0.03% and <0.3%	201-035-6 N.A	77-53-2	Cedrol	Aquatic Chronic 2;H411
≥ 0.03% and <0.3%	204-881-4 01-2119480433-40	128-37-0	2,6-di-tert-butyl-p-cresol	Aquatic Acute 1;H400 - Aquatic Chronic 1;H410
≥ 0.03% and <0.3%	268-264-1 01-2119982384-28	68039-49-6	2,4-dimethylcyclohex-3-ene-1-carbaldehyde	Skin Irrit. 2;H315 - Skin Sens. 1;H317 - Aquatic Chronic 2;H411
≥ 0.03% and <0.3%	266-797-4 01-2120735800-60	67633-96-9	cis-hex-3-en-1-yl methyl carbonate	Skin Irrit. 2;H315 - Skin Sens. 1B;H317
<0.03%	260-709-8 01-2119535122-53 N.A	57378-68-4	1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one	Acute Tox. 4;H302 - Skin Irrit. 2;H315 - Skin Sens. 1A;H317 - Aquatic Acute 1;H400 - Aquatic Chronic 1;H410
<0.03%	234-257-7 N.A	11028-42-5	Cedrene	Skin Irrit. 2;H315 - Asp. Tox. 1;H304 - Aquatic Acute 1;H400, M=10 - Aquatic Chronic 1;H410, M=10
<0.03%	245-833-2 01-2120105798-49 N.A	23696-85-7 23726-93-4	1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one	Skin Irrit. 2;H315 - Skin Sens. 1A;H317 - Aquatic Chronic 2;H411

[2] Substances for which Union workplace exposure limits have been defined.

The full text of the hazard statement codes listed here can be found in section 16.

SECTION 4. First aid measures

4.1 Description of first aid measures

Inhalation: Move the person affected to fresh air, keep warm and at rest. If symptoms persist, consult a doctor.

Skin contact: Remove contaminated clothing. Wash the skin with plenty of water and neutral soap. If skin irritation or rash occurs, consult a doctor.

Eye contact: Remove contact lenses. Open the eyelids and rinse thoroughly with clean, fresh water for several minutes. If irritation persists, consult a doctor.

Ingestion: Rinse mouth with water. Do not induce vomiting. Seek medical attention immediately and show the label or container. Keep at rest.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation of vapours at high concentrations: may cause respiratory tract irritation, headache, dizziness and drowsiness.

Causes serious eye irritation.

May cause an allergic reaction (skin rash, hives).

Ingestion may cause irritation of the digestive tract and effects typical of ethanol (drunkenness, nausea, vomiting).

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

SECTION 5. Fire-fighting measures

5.1 Extinguishing media: Suitable: carbon dioxide (CO2), dry chemical powder, alcohol-resistant foam, water spray. Unsuitable: direct water jet.

5.2 Special hazards arising from the mixture: Highly flammable liquid and vapour. Vapours are heavier than air, may travel to a distant source of ignition and form explosive mixtures with air. High temperatures may increase the pressure inside closed containers. Combustion may produce carbon monoxide and carbon dioxide.

5.3 Advice for fire-fighters: Wear self-contained breathing apparatus and protective clothing. Cool containers exposed to fire with water spray. Do not allow fire-fighting run-off to enter drains or watercourses.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Eliminate all sources of ignition (no smoking, no sparks or flames). Ventilate the area. Avoid breathing vapours and contact with skin and eyes. Use the protective equipment indicated in section 8.

6.2 Environmental precautions: Prevent the product from reaching sewers, surface water or groundwater.

6.3 Methods and material for containment and cleaning up: Contain and absorb the spill with inert, non-combustible material (sand, earth, vermiculite) and transfer it to a container for disposal in accordance with local regulations. Use non-sparking tools.

6.4 Reference to other sections: See sections 8 and 13.

SECTION 7. Handling and storage

7.1 Precautions for safe handling: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against electrostatic discharges. Ensure adequate ventilation. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities: Keep in the original, tightly closed container, in a cool, dry, well-ventilated place, away from sources of ignition and protected from direct sunlight. Keep away from strong oxidising agents and incompatible substances (section 10). Store in accordance with Royal Decree 656/2017 and its complementary technical instruction MIE APQ-1 (flammable liquids).

7.3 Specific end use(s): Air freshener for reed diffuser (mikado).

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits (Spain, INSST):

Substance	VLA-ED (daily exposure limit)	VLA-EC (short-term exposure limit)	Notes
Ethanol (64-17-5)	—	1910 mg/m³ (1000 ppm)	—

Dermal: dermal absorption may contribute significantly to the total body burden. Sen: sensitiser. VLI: agent with an EU indicative limit value.

8.2 Exposure controls

Personal protective equipment: In accordance with Regulation (EU) 2016/425.

Ventilation: Provide adequate ventilation. Use local exhaust if necessary, with explosion-proof equipment.

Respiratory protection: In case of insufficient ventilation, use respiratory equipment with a filter for organic vapours (type A).

Skin protection: Chemical-resistant gloves (e.g. nitrile, EN ISO 374). Wash hands with soap and water after handling.

Eye protection: Safety glasses with side shields (EN 166).

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Liquid

Colour: Colourless to light yellow

Odour: Characteristic of the fragrance

Melting point/freezing point: Not determined

Initial boiling point: ≈ 78 °C (ethanol)

Flammability: Highly flammable liquid and vapour

Explosive limits: 2 – 12 % vol. (ethanol)

Flash point: < 23 °C (calculated; ethanol 96°: 12 °C, Abel method EN ISO 13736)

Auto-ignition temperature: 422.7 °C (ethanol)

pH: Not applicable

Solubility: Soluble in ethanol; partially miscible with water

Relative density (20 °C): ≈ 0.85 (calculated)

Kinematic viscosity: Not determined

9.2 Other information

No further information available.

SECTION 10. Stability and reactivity

10.1 Reactivity: Highly flammable liquid and vapour.

10.2 Chemical stability: Stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions: Vapours may form explosive mixtures with air.

10.4 Conditions to avoid: Heat, flames, sparks, electrostatic discharges and other sources of ignition.

10.5 Incompatible materials: Strong oxidising agents, strong acids, caustic products, strong reducing agents, isocyanates, nitrides, epoxides, azo and diazo compounds and hydrazines, mercaptans and other organic sulphides, cyanides.

10.6 Hazardous decomposition products: Carbon monoxide and unidentified organic compounds may be formed during combustion.

SECTION 11. Toxicological information

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

No toxicological data are available for the mixture. The classification has been obtained by calculation from its components.

Acute toxicity: This mixture does not meet the classification criteria in accordance with Regulation (EC) No 1272/2008.

Skin corrosion/irritation: This mixture does not meet the classification criteria in accordance with Regulation (EC) No 1272/2008.

Serious eye damage/eye irritation: This mixture meets the classification criteria in accordance with Regulation (EC) No 1272/2008.

Respiratory or skin sensitisation: This mixture meets the classification criteria in accordance with Regulation (EC) No 1272/2008.

Germ cell mutagenicity: This mixture does not meet the classification criteria in accordance with Regulation (EC) No 1272/2008.

Carcinogenicity: This mixture does not meet the classification criteria in accordance with Regulation (EC) No 1272/2008.

Reproductive toxicity: This mixture does not meet the classification criteria in accordance with Regulation (EC) No 1272/2008.

Specific target organ toxicity (STOT) - single exposure: This mixture does not meet the classification criteria in accordance with Regulation (EC) No 1272/2008.

Specific target organ toxicity (STOT) - repeated exposure: This mixture does not meet the classification criteria in accordance with Regulation (EC) No 1272/2008.

Aspiration hazard: This mixture does not meet the classification criteria in accordance with Regulation (EC) No 1272/2008.

Data for ethanol (64-17-5):

LD50 oral (rat): 10470 mg/kg body weight
LD50 dermal (rabbit): 15800 mg/kg
LC50 inhalation (rat, 4 h): 30000 mg/m³
NOAEL oral (rat, 90 days): 1730 mg/kg body weight/day

11.2 Information on other hazards

The product does not contain substances identified as having endocrine disrupting properties for human health at a concentration equal to or greater than 0.1% (w/w).

SECTION 12. Ecological information

12.1 Toxicity: Hazardous to the aquatic environment, long-term (chronic) hazard, category chronic 2, by calculation from the fragrance components. Ethanol data: LC50 fish 11200 mg/l (96 h); EC50 crustaceans 5012 mg/l (48 h); EC50 algae 275 mg/l (72 h).

12.2 Persistence and degradability: Ethanol: readily biodegradable. Fragrance: not available.

12.3 Bioaccumulative potential: Ethanol: log Kow −0.32, not bioaccumulative. Fragrance: not determined.

12.4 Mobility in soil: Not available.

12.5 Results of PBT and vPvB assessment: The product does not contain substances identified as PBT and/or vPvB at a concentration equal to or greater than 0.1% (w/w).

12.6 Endocrine disrupting properties: The product does not contain substances identified as having endocrine disrupting properties for the environment at a concentration equal to or greater than 0.1% (w/w).

12.7 Other adverse effects: Avoid contamination of soil, groundwater and surface water.

SECTION 13. Disposal considerations

13.1 Waste treatment methods

Product: Dispose of the product and its containers as hazardous waste through an authorised waste manager, in accordance with current local and national provisions. Do not pour into drains or watercourses.

Packaging/containers: Do not reuse empty containers. Containers with product residues must be managed as hazardous waste.

SECTION 14. Transport information

International carriage of dangerous goods by road (ADR)

14.1 UN number: UN1266

14.2 UN proper shipping name: PERFUMERY PRODUCTS containing flammable solvents

14.3 Class: 3

14.4 Packing group: II

14.5 Environmental hazards: Yes

14.6 Special precautions for user: Tunnel restriction code: (D/E). Label: 3 + environmentally hazardous substance mark

Maritime transport (IMDG)

14.1 UN number: UN1266

14.2 UN proper shipping name: PERFUMERY PRODUCTS containing flammable solvents

14.3 Class: 3

14.4 Packing group: II

14.5 Environmental hazards: Yes. Marine pollutant: Yes

14.6 Special precautions for user: EmS: F-E, S-D. Label: 3 + marine pollutant mark

14.7 Maritime transport in bulk according to IMO instruments: Not applicable

Air transport (ICAO/IATA)

14.1 UN number: UN1266

14.2 UN proper shipping name: Perfumery products

14.3 Class: 3

14.4 Packing group: II

14.5 Environmental hazards: Yes

14.6 Special precautions for user: Passenger aircraft: PERMITTED. Cargo aircraft: PERMITTED. Label: 3

SECTION 15. Regulatory information

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

Substances of very high concern (SVHC): The product does not contain substances included in the candidate list (> 0.1% w/w).

Directive 2012/18/EU (Seveso III): P5c Flammable liquids; E2 Hazardous to the aquatic environment.

Royal Decree 656/2017, ITC MIE APQ-1: storage of flammable liquids.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for the mixture.

SECTION 16. Other information

Full text of the hazard statements mentioned in sections 2 and 3:

H225: Highly flammable liquid and vapour.
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.
H361f: Suspected of damaging fertility.
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.

Classification method:

Classification of the mixture obtained by calculation (methods of Annex I to Regulation (EC) No 1272/2008) from the safety data sheet and the allergen certificate of the fragrance concentrate and from the safety data sheet of ethanol. Where the concentration range of a component does not allow a decision, the most conservative criterion has been applied.

Main bibliographic references and data sources:

1. Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP).
2. Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878.
3. Occupational Exposure Limits for Chemical Agents (INSST).

The information in this document is provided on the basis of the knowledge available on the product at the time of its publication. Any use of the product other than that indicated in section 1, or its combination with other products, is the responsibility of the user. This safety data sheet describes the safety requirements of the product and does not represent a guarantee of its properties.

Revision date: 21/10/2026 Version: 1

Reason for revision: First version. Ready-to-use mixture: 30% fragrance concentrate + 70% ethanol 96°.