爱普香料集团股份有限公司

APPLE FLAVOR & FRAGRANCE GROUP CO., LTD.

VANILLA MUSK

APPLE FLAVOR & FRAGRANCE GROUP CO.,LTD.

Part Name:**VANILLA MUSK**
Version No: **1.5**
Safety Data Sheet (Conforms to Annex II of REACH (1907/2006) - Regulation 2020/878)

Issue Date:**27/05/2025**
Print Date: **27/05/2025**

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

1.1. Product Identifier

Product name: VANILLA MUSK
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

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

Relevant identified uses:
Prohibited to add in food
Uses advised against: No specific uses advised against are identified.

1.3. Details of the manufacturer or importer of the safety data sheet

Registered company name	**APPLE FLAVOR & FRAGRANCE GROUP CO.,LTD.**
Address	No.33, Caoxin Road, Shanghai China
Telephone	(86)021-59940388
Fax	(86)021-59940097
Website	www.cnaff.com
Email	apple@cnaff.com

1.4. Emergency telephone number

Association / Organisation	**Shanghai Chemical Toxicology Advisory Center**
Emergency telephone number(s)	+86 400-6267-911
Other emergency telephone number(s)	Not Available

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Classification according to regulation (EC) No 1272/2008 [CLP] and amendments [1]	H315 - Skin Corrosion/Irritation Category 2, H317 - Sensitisation (Skin) Category 1B, H319 - Serious Eye Damage/Eye Irritation Category 2, H410 - Hazardous to the Aquatic Environment Long-Term Hazard Category 1
Legend:	***1. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI***

2.2. Label elements

Hazard pictogram(s)

Page 1 continued...

Signal word: **Warning**

Hazard statement(s)

H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H410: Very toxic to aquatic life with long lasting effects.

Supplementary statement(s)

Not Applicable

Precautionary statement(s) Prevention

P280: Wear protective gloves, protective clothing, eye protection and face protection.
P261: Avoid breathing mist/vapours/spray.
P273: Avoid release to the environment.
P264: Wash all exposed external body areas thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.

Precautionary statement(s) Response

P302+P352: IF ON SKIN: Wash with plenty of water.
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.
P362+P364: Take off contaminated clothing and wash it before reuse.
P391: Collect spillage.

Precautionary statement(s) Storage

Not Applicable

Precautionary statement(s) Disposal

P501: Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.

Material contains methyl cedryl ketone, 3-Methyl-4-(2,6,6-tri-methyl-2-cyclohexen-1-yl)-3-buten-2-one, Benzyl benzoate, Coumarin.

2.3. Other hazards

REACH - Art.57-59: The mixture does not contain Substances of Very High Concern (SVHC) at the SDS print date.

SECTION 3 Composition / information on ingredients

3.1.Substances

See 'Composition on ingredients' in Section 3.2

3.2.Mixtures

1. CAS No 2.EC No 3.Index No 4.REACH No	% [weight]	Name	Classification according to regulation (EC) No 1272/2008 [CLP] and amendments	SCL / M-Factor	Nanoform Particle Characteristics
1. 100-52-7 2.202-860-4	0.01-0.1	Benzaldehyde	Acute Toxicity (Oral) Category 4, Serious Eye Damage/Eye Irritation Category 2, Acute Toxicity (Inhalation) Category 4, Specific Target Organ	SCL: Not Available	Not Available

Continued...

1. CAS No 2.EC No 3.Index No 4.REACH No	**% [weight]**	**Name**	**Classification according to regulation (EC) No 1272/2008 [CLP] and amendments**	**SCL / M-Factor**	**Nanoform Particle Characteristics**
3.605-012-00-5 4.Not Available			Toxicity - Single Exposure (Respiratory Tract Irritation) Category 3; H302, H319, H332, H335 [1]	Acute M factor: Not Applicable Chronic M factor: Not Applicable	
1. 97-53-0 2.202-589-1 3.Not Available 4.Not Available	0.01-0.1	Eugenol	Sensitisation (Skin) Category 1B, Serious Eye Damage/Eye Irritation Category 2A; H317, H319 [1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 76-22-2 2.200-945-0 3.Not Available 4.Not Available	0.01-0.1	dl-Camphor	Flammable Solids Category 2, Acute Toxicity (Oral) Category 4, Acute Toxicity (Inhalation) Category 4, Specific Target Organ Toxicity - Single Exposure Category 2; H228, H302, H332, H371 [1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 2050-08-0 2.218-080-2 3.Not Available 4.Not Available	0.01-0.1	amyl salicylate	Acute Toxicity (Oral) Category 4, Hazardous to the Aquatic Environment Acute Hazard Category 1, Hazardous to the Aquatic Environment Long-Term Hazard Category 1; H302, H400, H410 [1]	SCL: Not Available Acute M factor: 1 Chronic M factor: 1	Not Available
1. 93-29-8 2.202-236-1 3.Not Available 4.Not Available	0.01-0.1	Isoeugenyl acetate	Non hazardous [1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 119-36-8 2.204-317-7 3.607-749-00-8	0.01-0.1	Methyl salicylate	Acute Toxicity (Oral) Category 4; H302 [1]	oral: ATE = 890 mg/kg bw Acute M factor: Not	Not Available

Continued...

1. CAS No 2.EC No 3.Index No 4.REACH No	**% [weight]**	**Name**	**Classification according to regulation (EC) No 1272/2008 [CLP] and amendments**	**SCL / M-Factor**	**Nanoform Particle Characteristics**
4.Not Available				Applicable Chronic M factor: Not Applicable	
1. 151-05-3 2.205-781-3 3.Not Available 4.Not Available	0.1-1	Dimethyl benzyl carbinyl acetate	Hazardous to the Aquatic Environment Long-Term Hazard Category 3; H412 [1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 8000-41-7 2.232-268-1 3.Not Available 4.Not Available	0.1-1	Terpineol	Skin Corrosion/Irritation Category 2, Serious Eye Damage/Eye Irritation Category 2; H315, H319 [1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 8006-81-3 2.Not Available 3.Not Available 4.Not Available	0.1-1	ylang ylang oil	Skin Corrosion/Irritation Category 2, Sensitisation (Skin) Category 1, Serious Eye Damage/Eye Irritation Category 2, Specific Target Organ Toxicity - Single Exposure (Respiratory Tract Irritation) Category 3, Specific Target Organ Toxicity - Single Exposure (Narcotic Effects) Category 3, Reproductive Toxicity Category 2, Hazardous to the Aquatic Environment Long-Term Hazard Category 2; H315, H317, H319, H335, H336, H361d, H411, EUH019 [1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 8008-57-9 2.Not Available 3.Not Available 4.Not Available	0.1-1	Orange oil	Flammable Liquids Category 3, Aspiration Hazard Category 1, Skin Corrosion/Irritation Category 2, Sensitisation (Skin) Category 1, Hazardous to the Aquatic Environment Long-Term Hazard Category 2; H226, H304, H315, H317, H411 [1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 100-51-6 2.202-859-9 3.603-057-00-5	0.1-1	Benzyl alcohol	Acute Toxicity (Oral) Category 4, Serious Eye Damage/Eye Irritation Category 2A, Acute Toxicity (Inhalation) Category 4; H302, H319, H332 [1]	SCL: Not Available Acute M factor: Not Applicable	Not Available

Continued...

1. CAS No 2.EC No 3.Index No 4.REACH No	**% [weight]**	**Name**	**Classification according to regulation (EC) No 1272/2008 [CLP] and amendments**	**SCL / M-Factor**	**Nanoform Particle Characteristics**
4.Not Available				Chronic M factor: Not Applicable	
1. 105-87-3 2.203-341-5|444-730-1 3.Not Available 4.Not Available	0.1-1	Geranyl acetate	Skin Corrosion/Irritation Category 2, Sensitisation (Skin) Category 1B, Hazardous to the Aquatic Environment Long-Term Hazard Category 3; H315, H317, H412 [1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 54464-57-2 2.259-174-3 3.Not Available 4.Not Available	0.1-1	iso E super	Skin Corrosion/Irritation Category 2, Sensitisation (Skin) Category 1B, Hazardous to the Aquatic Environment Long-Term Hazard Category 1; H315, H317, H410 [1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: 1	Not Available
1. 101-86-0 2.202-983-3 3.Not Available 4.Not Available	0.1-1	Hexyl cinnam-aldehyde	Sensitisation (Skin) Category 1B, Hazardous to the Aquatic Environment Acute Hazard Category 1, Hazardous to the Aquatic Environment Long-Term Hazard Category 2; H317, H400, H411 [1]	SCL: Not Available Acute M factor: 1 Chronic M factor: Not Applicable	Not Available
1. 106-24-1 2.203-377-1 3.603-241-00-5 4.Not Available	0.1-1	Geraniol	Skin Corrosion/Irritation Category 2, Sensitisation (Skin) Category 1, Serious Eye Damage/Eye Irritation Category 1; H315, H317, H318 [1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 106-22-9 2.203-375-0 3.Not Available 4.Not Available	0.1-1	Citronellol	Skin Corrosion/Irritation Category 2, Sensitisation (Skin) Category 1B, Serious Eye Damage/Eye Irritation Category 2A; H315, H317, H319 [1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not	Not Available

Continued...

1. CAS No 2.EC No 3.Index No 4.REACH No	**% [weight]**	**Name**	**Classification according to regulation (EC) No 1272/2008 [CLP] and amendments**	**SCL / M-Factor**	**Nanoform Particle Characteristics**
				Applicable	
1. 32388-55-9 2.251-020-3 3.Not Available 4.Not Available	1-5	methyl cedryl ketone	Sensitisation (Skin) Category 1B, Hazardous to the Aquatic Environment Acute Hazard Category 1, Hazardous to the Aquatic Environment Long-Term Hazard Category 1; H317, H400, H410 [1]	SCL: Not Available Acute M factor: 1 Chronic M factor: 1	Not Available
1. 127-51-5 2.204-846-3 3.Not Available 4.Not Available	1-5	3-Methyl-4-(2,6,6-tri-methyl-2-cyclohexen-1-yl)-3-buten-2-one	Skin Corrosion/Irritation Category 2, Sensitisation (Skin) Category 1B, Hazardous to the Aquatic Environment Long-Term Hazard Category 2; H315, H317, H411 [1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 115-95-7 2.204-116-4 3.Not Available 4.Not Available	1-5	Linalyl acetate	Skin Corrosion/Irritation Category 2, Serious Eye Damage/Eye Irritation Category 2A; H315, H319 [1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 1222-05-5 2.214-946-9|415-560-5 3.603-212-00-7 4.Not Available	1-5	Galaxolide	Hazardous to the Aquatic Environment Acute Hazard Category 1, Hazardous to the Aquatic Environment Long-Term Hazard Category 1; H400, H410 [1]	SCL: Not Available Acute M factor: 1 Chronic M factor: 100	Not Available
1. 120-51-4 2.204-402-9 3.607-085-00-9 4.Not Available	1-5	Benzyl benzoate	Acute Toxicity (Oral) Category 4, Hazardous to the Aquatic Environment Acute Hazard Category 1, Hazardous to the Aquatic Environment Long-Term Hazard Category 2; H302, H400, H411 [1]	SCL: Not Available Acute M factor: 1 Chronic M factor: Not Applicable	Not Available
1. 91-64-5 2.202-086-7	1-5	Coumarin	Acute Toxicity (Oral) Category 4, Sensitisation (Skin) Category 1B; H302, H317 [1]	SCL: Not Available	Not Available

Continued...

1. CAS No 2.EC No 3.Index No 4.REACH No	**% [weight]**	**Name**	**Classification according to regulation (EC) No 1272/2008 [CLP] and amendments**	**SCL / M-Factor**	**Nanoform Particle Characteristics**
3.Not Available 4.Not Available				Acute M factor: Not Applicable Chronic M factor: Not Applicable	
1. 24851-98-7 2.246-495-9 3.Not Available 4.Not Available	1-5	Hedione HC	Non hazardous [1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 140-11-4 2.205-399-7 3.Not Available 4.Not Available	1-5	Benzyl acetate	Hazardous to the Aquatic Environment Long-Term Hazard Category 3; H412 [1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 78-70-6 2.201-134-4 3.603-235-00-2 4.Not Available	1-5	Linalool	Skin Corrosion/Irritation Category 2, Serious Eye Damage/Eye Irritation Category 2A; H315, H319 [1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 34590-94-8 2.252-104-2 3.Not Available 4.Not Available	50-55	Dipropylene glycol monomethyl ether *	Non hazardous [1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available

SECTION 4 First aid measures

Continued...

4.1. Description of first aid measures

Eye Contact

If this product comes in contact with the eyes:

- Wash out immediately with fresh running water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- Seek medical attention without delay; if pain persists or recurs seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin Contact

If skin contact occurs:

- Immediately remove all contaminated clothing, including footwear.
- Flush skin and hair with running water (and soap if available).
- Seek medical attention in event of irritation.

Inhalation

- If fumes, aerosols or combustion products are inhaled remove from contaminated area.
- Other measures are usually unnecessary.

Ingestion

- Immediately give a glass of water.
- First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

4.2 Most important symptoms and effects, both acute and delayed

See Section 11

SECTION 5 Firefighting measures

5.1. Extinguishing media

- Foam.
- Dry chemical powder.
- BCF (where regulations permit).

5.2. Special hazards arising from the substrate or mixture

Fire Incompatibility

- Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result

5.3. Advice for firefighters

Fire Fighting

- Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves in the event of a fire.
- Prevent, by any means available, spillage from entering drains or water courses.

Fire/Explosion Hazard

carbon dioxide (CO_2)
other pyrolysis products typical of burning organic material.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See section 8

6.2. Environmental precautions

See section 12

Continued...

6.3. Methods and material for containment and cleaning up

Minor Spills

Environmental hazard - contain spillage.

- Clean up all spills immediately.
- Avoid breathing vapours and contact with skin and eyes.
- Control personal contact with the substance, by using protective equipment.

Major Spills

Environmental hazard - contain spillage.

Minor hazard.

- Clear area of personnel.
- Alert Fire Brigade and tell them location and nature of hazard.

6.4. Reference to other sections

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Safe handling

- Avoid all personal contact, including inhalation.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- **DO NOT** allow clothing wet with material to stay in contact with skin

Fire and explosion protection

See section 5

Other information

- Store in original containers.
- Keep containers securely sealed.
- Store in a cool, dry, well-ventilated area.

7.2. Conditions for safe storage, including any incompatibilities

Suitable container

- Polyethylene or polypropylene container.
- Packing as recommended by manufacturer.
- Check all containers are clearly labelled and free from leaks.

Storage incompatibility

- Avoid reaction with oxidising agents

Hazard categories in accordance with Regulation (EC) No 2012/18/EU (Seveso III)

E1: Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1

Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of

E1 Lower- / Upper-tier requirements: 100 / 200

7.3. Specific end use(s)

See section 1.2

SECTION 8 Exposure controls / personal protection

8.1. Control parameters

Occupational Exposure Limits (OEL)

Continued...

INGREDIENT DATA
Not Available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.
The basic types of engineering controls are:
Process controls which involve changing the way a job activity or process is done to reduce the risk.

8.2.2. Individual protection measures, such as personal protective equipment

Eye and face protection

- Safety glasses with side shields.
- Chemical goggles. [AS/NZS 1337.1, EN166 or national equivalent]
- Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants.

Skin protection

See Hand protection below

Hands/feet protection

- Wear chemical protective gloves, e.g. PVC.
- Wear safety footwear or safety gumboots, e.g. Rubber

NOTE:

- The material may produce skin sensitisation in predisposed individuals. Care must be taken, when removing gloves and other protective equipment, to avoid all possible skin contact.
- Contaminated leather items, such as shoes, belts and watch-bands should be removed and destroyed.

The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
The exact break through time for substances has to be obtained from the manufacturer of the protective gloves and has to be observed when making a final choice.

Body protection

See Other protection below

Other protection

- Overalls.
- P.V.C apron.
- Barrier cream.

8.2.3. Environmental exposure controls

See section 12

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance light yellow to deep yellow liquid

Physical state	Liquid	**Relative density (25/25℃)**	0.963-0.983
Odour	Characteristic	**Partition coefficient n-octanol / water**	Not Available

Continued...

Odour threshold	Not Available	**Auto-ignition temperature (°C)**	Not Available
pH (as supplied)	Not Available	**Decomposition temperature (°C)**	Not Available
Melting point / freezing point (°C)	Not Available	**Viscosity (cSt)**	Not Available
Initial boiling point and boiling range (°C)	Not Available	**Molecular weight (g/mol)**	Not Available
Flash point (°C)	Not Available	**Taste**	Not Available
Evaporation rate	Not Available	**Explosive properties**	Not Available
Flammability	Not Applicable	**Oxidising properties**	Not Available
Upper Explosive Limit (%)	Not Available	**Surface Tension (dyn/cm or mN/m)**	Not Available
Lower Explosive Limit (%)	Not Available	**Volatile Component (%vol)**	Not Available
Vapour pressure (kPa)	Not Available	**Gas group**	Not Available
Solubility in water	Not Available	**pH as a solution (1%)**	Not Available
Vapour density (Air = 1)	Not Available	**VOC g/L**	Not Available
Heat of Combustion (kJ/g)	Not Available	**Ignition Distance (cm)**	Not Available
Flame Height (cm)	Not Available	**Flame Duration (s)**	Not Available
Enclosed Space Ignition Time Equivalent (s/m3)	Not Available	**Enclosed Space Ignition Deflagration Density (g/m3)**	Not Available
Nanoform Solubility	Not Available	**Nanoform Particle Characteristics**	Not Available
Particle Size	Not Available		

9.2. Other information

Not Available

SECTION 10 Stability and reactivity

10.1.Reactivity:
See section 7.2
10.2. Chemical stability:
- Unstable in the presence of incompatible materials.
- Product is considered stable.
- Hazardous polymerisation will not occur.

10.3. Possibility of hazardous reactions:
See section 7.2
10.4. Conditions to avoid:
See section 7.2
10.5. Incompatible materials:
See section 7.2
10.6. Hazardous decomposition products:
See section 5.3

SECTION 11 Toxicological information

Continued...

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

a) Acute Toxicity

Based on available data, the classification criteria are not met.

b) Skin Irritation/Corrosion

There is sufficient evidence to classify this material as skin corrosive or irritating.

c) Serious Eye Damage/Irritation

There is sufficient evidence to classify this material as eye damaging or irritating

d) Respiratory or Skin sensitisation

There is sufficient evidence to classify this material as sensitising to skin or the respiratory system

e) Mutagenicity

Based on available data, the classification criteria are not met.

f) Carcinogenicity

Based on available data, the classification criteria are not met.

g) Reproductivity

Based on available data, the classification criteria are not met.

h) STOT - Single Exposure

Based on available data, the classification criteria are not met.

i) STOT - Repeated Exposure

Based on available data, the classification criteria are not met.

j) Aspiration Hazard

Based on available data, the classification criteria are not met.

Inhaled

The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

Ingestion

High oral doses of salicylates, such as aspirin, may cause a mild burning pain in the throat and stomach, causing vomiting. This is followed (within hours) by deep, rapid breathing, tiredness, nausea and further vomiting, thirst and diarrhoea.
The material has **NOT** been classified by EC Directives or other classification systems as 'harmful by ingestion'. This is because of the lack of corroborating animal or human evidence.

Skin Contact

This material can cause inflammation of the skin on contact in some persons.
The material may accentuate any pre-existing dermatitis condition
Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material may still produce health damage following entry through wounds, lesions or abrasions.
Open cuts, abraded or irritated skin should not be exposed to this material
Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.

Eye

This material causes serious eye irritation.

Chronic

Skin contact with the material is more likely to cause a sensitisation reaction in some persons compared to the general population.
Ample evidence from experiments exists that there is a suspicion this material directly reduces fertility.
Chronic exposure to salicylates produce problems with metabolism, central nervous system disturbances, or kidney damage. Those with pre-existing damage to the eye, skin or kidney are especially at risk.

WHITE MUSK&VANILLA FLOWER Fragrance	**TOXICITY**	**IRRITATION**

Continued...

	Not Available / Not Available
Benzaldehyde	**TOXICITY** / **IRRITATION**: Not Available / Not Available
Eugenol	**TOXICITY** / **IRRITATION**: Not Available / Not Available
dl-Camphor	**TOXICITY** / **IRRITATION**: Not Available / Not Available
amyl salicylate	**TOXICITY** / **IRRITATION**: Not Available / Not Available
Isoeugenyl acetate	**TOXICITY** / **IRRITATION**: Not Available / Not Available
Methyl salicylate	**TOXICITY** / **IRRITATION**: Not Available / Not Available
Dimethyl benzyl carbinyl acetate	**TOXICITY** / **IRRITATION**: Not Available / Not Available
Terpineol	**TOXICITY** / **IRRITATION**: Not Available / Not Available
ylang ylang oil	**TOXICITY** / **IRRITATION**: Not Available / Not Available
Orange oil	**TOXICITY** / **IRRITATION**: Not Available / Not Available
Benzyl alcohol	**TOXICITY** / **IRRITATION**: Not Available / Not Available
Geranyl acetate	**TOXICITY** / **IRRITATION**: Not Available / Not Available
iso E super	**TOXICITY** / **IRRITATION**: Not Available / Not Available
Hexyl cinnam-aldehyde	**TOXICITY** / **IRRITATION**: Not Available / Not Available
Geraniol	**TOXICITY** / **IRRITATION**

Continued...

	Not Available / Not Available
Citronellol	**TOXICITY** / **IRRITATION**: Not Available / Not Available
methyl cedryl ketone	**TOXICITY** / **IRRITATION**: Not Available / Not Available
3-Methyl-4-(2,6,6-tri-methyl-2-cyclohexen-1-yl)-3-buten-2-one	**TOXICITY** / **IRRITATION**: Not Available / Not Available
Linalyl acetate	**TOXICITY** / **IRRITATION**: Not Available / Not Available
Galaxolide	**TOXICITY** / **IRRITATION**: Not Available / Not Available
Benzyl benzoate	**TOXICITY** / **IRRITATION**: Not Available / Not Available
Coumarin	**TOXICITY** / **IRRITATION**: Not Available / Not Available
Hedione HC	**TOXICITY** / **IRRITATION**: Not Available / Not Available
Benzyl acetate	**TOXICITY** / **IRRITATION**: Not Available / Not Available
Linalool	**TOXICITY** / **IRRITATION**: Not Available / Not Available
Dipropylene glycol monomethyl ether	**TOXICITY** / **IRRITATION**: Not Available / Not Available

Acute Toxicity	✗	**Carcinogenicity**	✗
Skin Irritation/Corrosion	✓	**Reproductivity**	✗
Serious Eye Damage/Irritation	✓	**STOT - Single Exposure**	✗
Respiratory or Skin sensitisation	✓	**STOT - Repeated Exposure**	✗
Mutagenicity	✗	**Aspiration Hazard**	✗

Legend: ✗ ***– Data either not available or does not fill the criteria for classification***
✓ ***– Data available to make classification***

11.2 Information on other hazards

11.2.1. Endocrine disrupting properties

No evidence of endocrine disrupting properties were found in the current literature.

Continued...

11.2.2. Other information

See Section 11.1

SECTION 12 Ecological information

12.1. Toxicity
Not Available

12.2. Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
	No Date available for all ingredients	No Date available for all ingredients

12.3. Bioaccumulative potential

Ingredient	Bioaccumulation
	No Date available for all ingredients

12.4. Mobility in soil

Ingredient	Mobility
	No Date available for all ingredients

12.5. Results of PBT and vPvB assessment

	P	B	T	PBT criteria fulfilled?	vP	vB	vPvB criteria fulfilled?
WHITE MUSK&VANILLA FLOWER Fragrance	No data available	No data available	No data available	No	No data available	No data available	No
Benzaldehyde	✗	✗	✓	No	✗	✗	No
Eugenol	No data available	No data available	No data available	No	No data available	No data available	No
dl-Camphor	No data available	No data available	No data available	No	No data available	No data available	No
amyl salicylate	No data available	No data available	No data available	No	No data available	No data available	No
Isoeugenyl acetate	No data available	No data available	No data available	No	No data available	No data available	No
Methyl salicylate	✗	✗	✓	No	✗	✗	No
Dimethyl benzyl carbinyl acetate	No data available	No data available	No data available	No	No data available	No data available	No
Terpineol	No data available	No data available	No data available	No	No data available	No data available	No
ylang ylang oil	No data available	No data available	No data available	No	No data available	No data available	No
Orange oil	No data available	No data available	No data available	No	No data available	No data available	No
Benzyl alcohol	✓	✓	✗	No	✗	✗	No
Geranyl acetate	No data available	No data available	No data available	No	No data available	No data available	No
iso E super	No data available	No data available	No data available	No	No data available	No data available	No

Continued...

	P	B	T	PBT criteria fulfilled?	vP	vB	vPvB criteria fulfilled?
Hexyl cinnam-aldehyde	No data available	No data available	No data available	No	No data available	No data available	No
Geraniol	No data available	No data available	No data available	No	No data available	No data available	No
Citronellol	No data available	No data available	No data available	No	No data available	No data available	No
methyl cedryl ketone	✗	✓	✗	No	✗	✗	No
3-Methyl-4-(2,6,6-tri-methyl-2-cyclohexen-1-yl)-3-buten-2-one	No data available	No data available	No data available	No	No data available	No data available	No
Linalyl acetate	No data available	No data available	No data available	No	No data available	No data available	No
Galaxolide	No data available	No data available	No data available	No	No data available	No data available	No
Benzyl benzoate	No data available	No data available	No data available	No	No data available	No data available	No
Coumarin	No data available	No data available	No data available	No	No data available	No data available	No
Hedione HC	No data available	No data available	No data available	No	No data available	No data available	No
Benzyl acetate	No data available	No data available	No data available	No	No data available	No data available	No
Linalool	No data available	No data available	No data available	No	No data available	No data available	No
Dipropylene glycol monomethyl ether	No data available	No data available	No data available	No	No data available	No data available	No

12.6. Endocrine disrupting properties

No evidence of endocrine disrupting properties were found in the current literature.

12.7. Other adverse effects

No evidence of ozone depleting properties were found in the current literature.

SECTION 13 Disposal considerations

13.1. Waste treatment methods

Product / Packaging disposal

- Containers may still present a chemical hazard/ danger when empty.
- Return to supplier for reuse/ recycling if possible.

Otherwise:

- If container can not be cleaned sufficiently well to ensure that residuals do not remain or if the container cannot be used to store the same product, then puncture containers, to prevent re-use, and bury at an authorised landfill.

Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked.

- **DO NOT** allow wash water from cleaning or process equipment to enter drains.
- It may be necessary to collect all wash water for treatment before disposal.
- In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first.
- Recycle wherever possible or consult manufacturer for recycling options.
- Consult State Land Waste Authority for disposal.
- Bury or incinerate residue at an approved site.

Continued...

Waste treatment options

Not Available

Sewage disposal options

Not Available

SECTION 14 Transport information

Labels Required

Marine Pollutant

HAZCHEM

●3Z

Land transport (ADR-RID)

14.1. UN number or ID number: **3082**
14.2. UN proper shipping name: **ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.**
14.3. Transport hazard class(es):
Class: **9**
Subsidiary Hazard: **Not Applicable**
14.4. Packing group: **III**
14.5. Environmental hazard: **Environmentally hazardous**
14.6. Special precautions for user:
Hazard identification (Kemler): **90**
Classification code: **M6**
Hazard Label: **9**
Special provisions: **274 335 375 601**
Limited quantity: **5 L**
Transport Category: **3**
Tunnel Restriction Code: **Not Applicable**

Air transport (ICAO-IATA / DGR)

14.1. UN number: **3082**
14.2. UN proper shipping name: **Environmentally hazardous substance, liquid, n.o.s.**
14.3. Transport hazard class(es):
ICAO/IATA Class: **9**
ICAO / IATA Subsidiary Hazard: **Not Applicable**
ERG Code: **9L**
14.4. Packing group: **III**
14.5. Environmental hazard: **Environmentally hazardous**
14.6. Special precautions for user:
Special provisions: **A97 A158 A197 A215**
Cargo Only Packing Instructions: **964**
Cargo Only Maximum Qty / Pack: **450 L**
Passenger and Cargo Packing Instructions: **964**
Passenger and Cargo Maximum Qty / Pack: **450 L**
Passenger and Cargo Limited Quantity Packing Instructions: **Y964**
Passenger and Cargo Limited Maximum Qty / Pack: **30 kg G**

Continued...

Sea transport (IMDG-Code / GGVSee)

14.1. UN number: **3082**
14.2. UN proper shipping name: **ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.**
14.3. Transport hazard class(es):
IMDG Class: **9**
IMDG Subsidiary Hazard: **Not Applicable**
14.4. Packing group: **III**
14.5 Environmental hazard: **Marine Pollutant**
14.6. Special precautions for user:
EMS Number: **F-A , S-F**
Special provisions: **274 335 969**
Limited Quantities: **5 L**

Inland waterways transport (ADN)

14.1. UN number: **3082**
14.2. UN proper shipping name: **ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.**
14.3. Transport hazard class(es):
9: **Not Applicable**
14.4. Packing group: **III**
14.5. Environmental hazard: **Environmentally hazardous**
14.6. Special precautions for user:
Classification code: **M6**
Special provisions: **274; 335; 375; 601**
Limited quantity: **5 L**
Equipment required: **PP**
Fire cones number: **0**

14.7. Maritime transport in bulk according to IMO instruments

14.7.1. Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

SECTION 15 Regulatory information

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

Benzaldehyde is found on the following regulatory lists

- EU European Chemicals Agency (ECHA) Community Rolling Action Plan (CoRAP) List of Substances
- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)
- European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI

Eugenol is found on the following regulatory lists

- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)
- International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Not Classified as Carcinogenic

dl-Camphor is found on the following regulatory lists

- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)
- International WHO List of Proposed Occupational Exposure Limit (OEL) Values for Manufactured Nanomaterials (MNMS)

amyl salicylate is found on the following regulatory lists

- Europe EC Inventory

Continued...

- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

Isoeugenyl acetate is found on the following regulatory lists

- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

Methyl salicylate is found on the following regulatory lists

- EU European Chemicals Agency (ECHA) Community Rolling Action Plan (CoRAP) List of Substances
- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)
- European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI

Dimethyl benzyl carbinyl acetate is found on the following regulatory lists

- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

Terpineol is found on the following regulatory lists

- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

ylang ylang oil is found on the following regulatory lists

- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

Orange oil is found on the following regulatory lists

- Not Applicable

Benzyl alcohol is found on the following regulatory lists

- EU European Chemicals Agency (ECHA) Community Rolling Action Plan (CoRAP) List of Substances
- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)
- European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI

Geranyl acetate is found on the following regulatory lists

- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

iso E super is found on the following regulatory lists

- EU European Chemicals Agency (ECHA) Community Rolling Action Plan (CoRAP) List of Substances
- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

Hexyl cinnam-aldehyde is found on the following regulatory lists

- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

Geraniol is found on the following regulatory lists

- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)
- European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI

Citronellol is found on the following regulatory lists

- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

methyl cedryl ketone is found on the following regulatory lists

- EU European Chemicals Agency (ECHA) Community Rolling Action Plan (CoRAP) List of Substances
- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

3-Methyl-4-(2,6,6-tri-methyl-2-cyclohexen-1-yl)-3-buten-2-one is found on the following regulatory lists

Continued...

- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

Linalyl acetate is found on the following regulatory lists

- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

Galaxolide is found on the following regulatory lists

- EU European Chemicals Agency (ECHA) Community Rolling Action Plan (CoRAP) List of Substances
- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)
- European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI

Benzyl benzoate is found on the following regulatory lists

- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)
- European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI

Coumarin is found on the following regulatory lists

- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)
- FEI Equine Prohibited Substances List - Banned Substances
- FEI Equine Prohibited Substances List (EPSL)
- International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Not Classified as Carcinogenic

Hedione HC is found on the following regulatory lists

- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

Benzyl acetate is found on the following regulatory lists

- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)
- International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Not Classified as Carcinogenic

Linalool is found on the following regulatory lists

- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)
- European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI

Dipropylene glycol monomethyl ether is found on the following regulatory lists

- EU Consolidated List of Indicative Occupational Exposure Limit Values (IOELVs)
- Europe EC Inventory
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

Additional Regulatory Information

Not Applicable

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable - : Directives 98/24/EC, - 92/85/EEC, - 94/33/EC, - 2008/98/EC, - 2010/75/EU; Commission Regulation (EU) 2020/878; Regulation (EC) No 1272/2008 as updated through ATPs.

Information according to 2012/18/EU (Seveso III):

Seveso Category: E1

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

National Inventory Status

Continued...

National Inventory	Status
Australia - AIIC / Australia Non-Industrial Use	Yes
Canada - DSL	Yes
Canada - NDSL	No (Benzaldehyde; Eugenol; dl-Camphor; amyl salicylate; Isoeugenyl acetate; Methyl salicylate; Dimethyl benzyl carbinyl acetate; Terpineol; ylang ylang oil; Orange oil; Benzyl alcohol; Geranyl acetate; iso E super; Hexyl cinnam-aldehyde; Geraniol; Citronellol; methyl cedryl ketone; 3-Methyl-4-(2,6,6-tri-methyl-2-cyclohexen-1-yl)-3-buten-2-one; Linalyl acetate; Galaxolide; Benzyl benzoate; Coumarin; Hedione HC; Benzyl acetate; Linalool; Dipropylene glycol monomethyl ether)
China - IECSC	Yes
Europe - EINEC / ELINCS / NLP	No (Orange oil)
Japan - ENCS	No (ylang ylang oil; Orange oil)
Korea - KECI	Yes
New Zealand - NZIoC	Yes
Philippines - PICCS	Yes
USA - TSCA	Yes
Taiwan - TCSI	Yes
Mexico - INSQ	No (amyl salicylate; ylang ylang oil; Hexyl cinnam-aldehyde)
Vietnam - NCI	Yes
Russia - FBEPH	No (Isoeugenyl acetate; ylang ylang oil)
Legend:	***Yes = All CAS declared ingredients are on the inventory*** ***No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration.***

SECTION 16 Other information

Revision Date: 27/05/2025
Initial Date: 25/09/2017

Full text Risk and Hazard codes

H226: Flammable liquid and vapour.
H228: Flammable solid.
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H318: Causes serious eye damage.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
H361d: Suspected of damaging the unborn child.
H371: May cause damage to organs.
H400: Very toxic to aquatic life.
H411: Toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources.
The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

Continued...

The information in this SDS is to best of our knowledge true and accurate but all data, instruction, recommendations and suggestions are made without guarantee.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Classification according to regulation (EC) No 1272/2008 [CLP] and amendments	Classification Procedure
Skin Corrosion/Irritation Category 2, H315	Calculation method
Sensitisation (Skin) Category 1B, H317	Calculation method
Serious Eye Damage/Eye Irritation Category 2, H319	Calculation method
Hazardous to the Aquatic Environment Long-Term Hazard Category 1, H410	Calculation method