



爱普香料集团股份有限公司

APPLE FLAVOR & FRAGRANCE GROUP CO., LTD.

WHITE MUSK&VANILLA FLOWER Fragrance APPLE FLAVOR & FRAGRANCE GROUP CO.,LTD.

Part Number:SZ-008

Version No: 1.4

Safety Data Sheet (Conforms to Annex II of REACH (1907/2006) - Regulation 2020/878)

Issue Date:17/05/2024

Print Date: 17/05/2024

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

1.1. Product Identifier

Product name: WHITE MUSK&VANILLA FLOWER Fragrance

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

Other means of identification: SZ-008 | UFI:2P00-D06P-A00M-CGXD

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 supplier 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 numbers	+86 400-6267-911
Other emergency telephone numbers	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, H411 - Hazardous to the Aquatic Environment Long-Term Hazard Category 2
Legend:	1. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI

2.2. Label elements

WHITE MUSK&VANILLA FLOWER Fragrance

Hazard pictogram(s)



Signal word: **Warning**

Hazard statement(s)

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H411: 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

WHITE MUSK&VANILLA FLOWER Fragrance

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 3. 605-012-00-5 4. Not Available	0.01-0.1	<u>Benzaldehyde</u>	Acute Toxicity (Oral) Category 4, Serious Eye Damage/Eye Irritation Category 2, Acute Toxicity (Inhalation) Category 4, Specific Target Organ Toxicity - Single Exposure (Respiratory Tract Irritation) Category 3; H302, H319, H332, H335 ^[1]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 97-53-0* 2. 202-589-1 3. Not Available 4. Not Available	0.01-0.1	<u>Eugenol</u>	Sensitisation (Skin) Category 1B, Serious Eye Damage/Eye Irritation Category 2A; H317, H319 ^[1]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 76-22-2* 2. 200-945-0 3. Not Available 4. Not Available	0.01-0.1	<u>dl-Camphor</u>	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]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 2050-08-0* 2. 218-080-2 3. Not Available 4. Not Available	0.01-0.1	<u>amyl salicylate</u>	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]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 93-29-8* 2. 202-236-1 3. Not Available 4. Not Available	0.01-0.1	<u>Isoeugenyl acetate</u>	Not Classified ^[1]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 119-36-8* 2. 204-317-7 3. 607-749-00-8 4. Not Available	0.01-0.1	<u>Methyl salicylate</u>	Acute Toxicity (Oral) Category 4; H302 ^[1]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available

Continued...

WHITE MUSK&VANILLA FLOWER Fragrance

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. 151-05-3* 2. 205-781-3 3. Not Available 4. Not Available	0.1-1	<u>Dimethyl benzyl carbonyl acetate</u>	Hazardous to the Aquatic Environment Long-Term Hazard Category 3; H412 ^[1]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 8000-41-7* 2. 232-268-1 3. Not Available 4. Not Available	0.1-1	<u>Terpineol</u>	Skin Corrosion/Irritation Category 2, Serious Eye Damage/Eye Irritation Category 2; H315, H319 ^[1]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 8006-81-3 2. Not Available 3. Not Available 4. Not Available	0.1-1	<u>ylang.ylang.oil</u>	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]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 8008-57-9* 2. Not Available 3. Not Available 4. Not Available	0.1-1	<u>Orange oil</u>	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]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 100-51-6* 2. 202-859-9 3. 603-057-00-5 4. Not Available	0.1-1	<u>Benzyl alcohol</u>	Acute Toxicity (Oral) Category 4, Serious Eye Damage/Eye Irritation Category 2A, Acute Toxicity (Inhalation) Category 4; H302, H319, H332 ^[1]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 105-87-3* 2. 203-341-5 3. 444-730-1	0.1-1	<u>Geranyl acetate</u>	Skin Corrosion/Irritation Category 2, Sensitisation (Skin) Category 1B, Hazardous to the Aquatic Environment Long-Term Hazard Category 3; H315, H317, H412 ^[1]	Not Available Acute M factor: Not Available	Not Available

Continued...

WHITE MUSK&VANILLA FLOWER Fragrance

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				Chronic M factor: Not Available	
1. 54464-57-2* 2. 259-174-3 3. Not Available 4. Not Available	0.1-1	<u>iso E super</u>	Skin Corrosion/Irritation Category 2, Sensitisation (Skin) Category 1B, Hazardous to the Aquatic Environment Long-Term Hazard Category 1; H315, H317, H410 ^[1]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 101-86-0* 2. 202-983-3 3. Not Available 4. Not Available	0.1-1	<u>Hexyl cinnam-aldehyde</u>	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]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 106-24-1* 2. 203-377-1 3. 603-241-00-5 4. Not Available	0.1-1	<u>Geraniol</u>	Skin Corrosion/Irritation Category 2, Sensitisation (Skin) Category 1, Serious Eye Damage/Eye Irritation Category 1; H315, H317, H318 ^[1]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 106-22-9* 2. 203-375-0 3. Not Available 4. Not Available	0.1-1	<u>Citronellol</u>	Skin Corrosion/Irritation Category 2, Sensitisation (Skin) Category 1B, Serious Eye Damage/Eye Irritation Category 2A; H315, H317, H319 ^[1]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 32388-55-9* 2. 251-020-3 3. Not Available 4. Not Available	1-5	<u>methyl cedryl ketone</u>	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]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 127-51-5*	1-5	<u>3-Methyl-4-(2,6,6-tri-methyl-2-</u>	Skin Corrosion/Irritation Category 2, Sensitisation (Skin) Category 1B, Hazardous to the Aquatic	Not Available	Not Available

Continued...

WHITE MUSK&VANILLA FLOWER Fragrance

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
2.204-846-3 3. Not Available 4. Not Available		<u>cyclohexen-1-yl)-3-buten-2-one</u>	Environment Long-Term Hazard Category 2; H315, H317, H411 ^[1]	Acute M factor: Not Available Chronic M factor: Not Available	
1. 115-95-7* 2.204-116-4 3. Not Available 4. Not Available	1-5	<u>Linalyl acetate</u>	Skin Corrosion/Irritation Category 2, Serious Eye Damage/Eye Irritation Category 2A; H315, H319 ^[1]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 1222-05-5* 2.415-560-5 214-946-9 3.603-212-00-7 4. Not Available	1-5	<u>Galaxolide</u>	Hazardous to the Aquatic Environment Acute Hazard Category 1, Hazardous to the Aquatic Environment Long-Term Hazard Category 1; H400, H410 ^[1]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 120-51-4* 2.204-402-9 3.607-085-00-9 4. Not Available	1-5	<u>Benzyl benzoate</u>	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]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 91-64-5* 2.202-086-7 3. Not Available 4. Not Available	1-5	<u>Coumarin</u>	Acute Toxicity (Oral) Category 4, Sensitisation (Skin) Category 1B; H302, H317 ^[1]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 24851-98-7* 2.246-495-9 3. Not Available 4. Not Available	1-5	<u>Hedione HC</u>	Not Classified ^[1]	Not Available Acute M factor: Not Available Chronic M factor: 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
1. 140-11-4* 2. 205-399-7 3. Not Available 4. Not Available	1-5	<u>Benzyl acetate</u>	Hazardous to the Aquatic Environment Long-Term Hazard Category 3; H412 ^[1]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 78-70-6* 2. 201-134-4 3. 603-235-00-2 4. Not Available	1-5	<u>Linalool</u>	Skin Corrosion/Irritation Category 2, Serious Eye Damage/Eye Irritation Category 2A; H315, H319 ^[1]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available
1. 34590-94-8* 2. 252-104-2 3. Not Available 4. Not Available	50-55	<u>Dipropylene glycol monomethyl ether</u> * -	Not Classified ^[1]	Not Available Acute M factor: Not Available Chronic M factor: Not Available	Not Available

Legend: 1. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI; 2. Classification drawn from C&L; * EU IOELVs available; [e] Substance identified as having endocrine disrupting properties

SECTION 4 First aid measures

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

WHITE MUSK&VANILLA FLOWER Fragrance

- 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 full body protective clothing with breathing apparatus.
- Prevent, by any means available, spillage from entering drains or water course.

Fire/Explosion Hazard

- Combustible.
- Slight fire hazard when exposed to heat or flame.
- Heating may cause expansion or decomposition leading to violent rupture of containers.

Combustion products include:

carbon dioxide (CO₂)

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

6.3. Methods and material for containment and cleaning up

Minor Spills

Environmental hazard - contain spillage.

WHITE MUSK&VANILLA FLOWER Fragrance

- 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.

Moderate hazard.

- Clear area of personnel and move upwind.
- 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

- Metal can or drum
- Packaging 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)

E2: Hazardous to the Aquatic Environment in Category Chronic 2

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

E2 Lower- / Upper-tier requirements: 200 / 500

7.3. Specific end use(s)

See section 1.2

SECTION 8 Exposure controls / personal protection

8.1. Control parameters

Occupational Exposure Limits (OEL)

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

WHITE MUSK&VANILLA FLOWER Fragrance

:

light yellow to deep yellow liquid

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

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

Large oral doses of salicylates may cause mild burning pain in the throat, stomach and usually prompt vomiting. Several hours may elapse before the development of deep and rapid breathing, lassitude, anorexia, nausea, vomiting, thirst and occasional diarrhoea. Common derivatives of salicylic acid produce substantially the same toxic syndrome, ('salicylism').

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. The material may still be damaging to the health of the individual, following ingestion, especially where pre-existing organ (e.g liver, kidney) damage is evident.

Skin Contact

Evidence exists, or practical experience predicts, that the material either produces inflammation of the skin in a substantial number of individuals following direct contact, and/or produces significant inflammation when applied to the healthy intact skin of animals, for up to four hours, such inflammation being present twenty-four hours or more after the end of the exposure period. Skin irritation may also be present after prolonged or repeated exposure; this may result in a form of contact dermatitis (nonallergic). The dermatitis is often characterised by skin redness (erythema) and swelling (oedema) which may progress to blistering (vesiculation), scaling and thickening of the epidermis.

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, puncture wounds 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

Evidence exists, or practical experience predicts, that the material may cause eye irritation in a substantial number of individuals and/or may produce significant ocular lesions which are present twenty-four hours or more after instillation into the eye(s) of experimental animals. Repeated or prolonged eye contact may cause inflammation characterised by temporary redness (similar to windburn) of the conjunctiva (conjunctivitis); temporary impairment of vision and/or other transient eye damage/ulceration may occur.

Chronic

Practical experience shows that skin contact with the material is capable either of inducing a sensitisation reaction in a substantial number of individuals, and/or of producing a positive response in experimental animals.

Substances that can cause occupational asthma (also known as asthmagens and respiratory sensitisers) can induce a state of specific airway hyper-responsiveness via an immunological, irritant or other mechanism. Once the airways have become hyper-responsive, further exposure to the substance, sometimes even to tiny quantities, may cause respiratory symptoms.

Exposure to the material may cause concerns for human fertility, generally on the basis that results in animal studies provide sufficient evidence to cause a strong suspicion of impaired fertility in the absence of toxic effects, or evidence of impaired fertility occurring at around the same dose levels as other toxic effects, but which are not a secondary non-specific consequence of other toxic effects.

Mild chronic salicylate intoxication, or 'salicylism', may occur after repeated exposures to large doses. Symptoms include dizziness, tinnitus, deafness, sweating, nausea and vomiting, headache and mental confusion. Symptoms of more severe intoxication include hyperventilation, fever, restlessness, ketosis, and respiratory alkalosis and metabolic acidosis.

WHITE MUSK&VANILLA FLOWER Fragrance

TOXICITY	IRRITATION
Not Available	Not Available

WHITE MUSK&VANILLA FLOWER Fragrance

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

WHITE MUSK&VANILLA FLOWER Fragrance

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

Legend: 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2. Value obtained from manufacturer's SDS.
Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

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

Continued...

Continued...

WHITE MUSK&VANILLA FLOWER Fragrance

	P	B	T
vPvB	✗	✗	✗

PBT Criteria fulfilled?	No
vPvB	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.

Waste treatment options

Not Available

Sewage disposal options

Not Available

SECTION 14 Transport information

Labels Required



Marine Pollutant



HAZCHEM

•3Z

Continued...

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**
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**

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.**

WHITE MUSK&VANILLA FLOWER Fragrance

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

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

Isoeugenyl acetate is found on the following regulatory lists

—

Continued...

WHITE MUSK&VANILLA FLOWER Fragrance

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 carbonyl 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

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

—
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)

WHITE MUSK&VANILLA FLOWER Fragrance

— 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: E2

15.2. Chemical safety assessment

Continued...

WHITE MUSK&VANILLA FLOWER Fragrance

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

National Inventory Status

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 carbonyl 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:	<p>Yes = All CAS declared ingredients are on the inventory</p> <p>No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration.</p>

SECTION 16 Other information

Revision Date: 17/05/2024

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.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Continued...

WHITE MUSK&VANILLA FLOWER Fragrance

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.

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 2, H411	Calculation method