



# WHITE FLOWER

## APPLE FLAVOR & FRAGRANCE GROUP CO.,LTD.

Version No: 1.3

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

Issue Date:07/11/2024

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

#### 1.1. Product Identifier

Product name WHITE FLOWER

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 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	<a href="http://www.cnaff.com">www.cnaff.com</a>
Email	apple@cnaff.com

#### 1.4. Emergency telephone number

Association / Organisation	National Poisons Information Centre Beaumont Hospital
Address	PO Box 1297 Beaumont Road 9 Dublin
Emergency telephone number(s)	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am-10pm, 7/7)

### SECTION 2 Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to regulation (EC) No 1272/2008 [CLP] and amendments <sup>[1]</sup>	H315 - Skin Corrosion/Irritation Category 2, H317 - Sensitisation (Skin) Category 1A, H336 -Specific Target Organ Toxicity - Single Exposure (Narcotic Effects) Category 3
Legend:	1. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI

#### 2.2. Label elements

Hazard pictogram(s)

## WHITE FLOWER



Signal word: **Warning**

### Hazard statement(s)

**H315:** Causes skin irritation.

**H317:** May cause an allergic skin reaction.

**H336:** May cause drowsiness or dizziness.

### Supplementary statement(s)

Not Applicable

### Precautionary statement(s) Prevention

**P271:** Use only outdoors or in a well-ventilated area.

**P280:** Wear protective gloves and protective clothing.

**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.

**P312:** Call a POISON CENTER/doctor/physician/first aider/if you feel unwell.

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

**P362+P364:** Take off contaminated clothing and wash it before reuse.

**P391:** Collect spillage.

**P304+P340:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.

### Precautionary statement(s) Storage

**P405:** Store locked up.

**P403+P233:** Store in a well-ventilated place. Keep container tightly closed.

### 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 Isopar L, Hexyl cinnam-aldehyde, p-t-Butylcyclohexyl acetate, 2-Phenylethan-1-ol.

## 2.3. Other hazards

**Isopar L:** Listed in the Europe Regulation (EC) No 1907/2006 - Annex XVII (Restrictions may apply)

## 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. 97-54-1 2. Not Available 3. Not Available 4. Not Available	0.01-0.1	<u>Isoeugenol</u>	Acute Toxicity (Oral) Category 4, Acute Toxicity (Dermal) Category 4, Skin Corrosion/Irritation Category 2, Sensitisation (Skin) Category 1A, Serious	SCL: Not Available	Not Available

Continued...

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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
				Chronic M factor: Not Available	
1. 43052-87-5 2. Not Available 3. Not Available 4. Not Available	0.01-0.1	<u>alpha-Damascone</u>	Acute Toxicity (Oral) Category 4, Sensitisation (Skin) Category 1B; H302, H317 <sup>[1]</sup>	SCL: Not Available  Acute M factor: Not Available  Chronic M factor: Not Available	Not Available
1. 67801-20-1 2. Not Available 3. Not Available 4. Not Available	0.1-1	<u>sandal pentenol</u>	Hazardous to the Aquatic Environment Long-Term Hazard Category 2; H411 <sup>[1]</sup>	SCL: Not Available  Acute M factor: Not Available  Chronic M factor: Not Available	Not Available
1. 1222-05-5 2. Not Available 3. Not Available 4. Not Available	0.1-1	<u>Galaxolide</u>	Hazardous to the Aquatic Environment Acute Hazard Category 1, Hazardous to the Aquatic Environment Long-Term Hazard Category 1; H400, H410 <sup>[1]</sup>	SCL: Not Available  Acute M factor: 1  Chronic M factor: 100	Not Available
1. 120-51-4 2. Not Available 3. Not Available 4. Not Available	0.1-1	<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 <sup>[1]</sup>	SCL: Not Available  Acute M factor: Not Available  Chronic M factor: Not Available	Not Available
1. 91-64-5 2. Not Available 3. Not Available 4. Not Available	1-5	<u>Coumarin</u>	Acute Toxicity (Oral) Category 4, Sensitisation (Skin) Category 1B; H302, H317 <sup>[1]</sup>	SCL: Not Available  Acute M factor: Not Available  Chronic M factor: Not Available	Not Available

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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. Not Available 3. Not Available 4. Not Available	1-5	<u>Dimethyl benzyl carbinyl acetate</u>	Hazardous to the Aquatic Environment Long-Term Hazard Category 3; H412 <sup>[1]</sup>	SCL: Not Available  Acute M factor: Not Available  Chronic M factor: Not Available	Not Available
1. 78-70-6 2. Not Available 3. Not Available 4. Not Available	1-5	<u>Linalool</u>	Skin Corrosion/Irritation Category 2, Serious Eye Damage/Eye Irritation Category 2A; H315, H319 <sup>[1]</sup>	SCL: Not Available  Acute M factor: Not Available  Chronic M factor: Not Available	Not Available
1. 106-22-9 2. Not Available 3. Not Available 4. Not Available	1-5	<u>Citronellol</u>	Skin Corrosion/Irritation Category 2, Sensitisation (Skin) Category 1B, Serious Eye Damage/Eye Irritation Category 2A; H315, H317, H319 <sup>[1]</sup>	SCL: Not Available  Acute M factor: Not Available  Chronic M factor: Not Available	Not Available
1. 2050-08-0 2. Not Available 3. Not Available 4. Not Available	1-5	<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 <sup>[1]</sup>	SCL: Not Available  Acute M factor: Not Available  Chronic M factor: Not Available	Not Available
1. 88-41-5 2. Not Available 3. Not Available 4. Not Available	1-5	<u>o-t- Butylcyclohexyl acetate</u>	Hazardous to the Aquatic Environment Long-Term Hazard Category 2; H411 <sup>[1]</sup>	SCL: Not Available  Acute M factor: Not Available  Chronic M factor: Not Available	Not Available
1. 6259-76-3 2. Not Available	1-5	<u>Hexyl salicylate</u>	Skin Corrosion/Irritation Category 2, Sensitisation (Skin) Category 1,	SCL: Not Available	Not Available

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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			Hazardous to the Aquatic Environment Acute Hazard Category 1, Hazardous to the Aquatic Environment Long-Term Hazard Category 1; H315, H317, H400, H410 <sup>[1]</sup>	Acute M factor: Not Available  Chronic M factor: Not Available	
1. 140-11-4 2. Not Available 3. Not Available 4. Not Available	1-5	<u>Benzyl acetate</u>	Hazardous to the Aquatic Environment Long-Term Hazard Category 3; H412 <sup>[1]</sup>	SCL: Not Available  Acute M factor: Not Available  Chronic M factor: Not Available	Not Available
1. 101-86-0 2. Not Available 3. Not Available 4. Not Available	5-10	<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 <sup>[1]</sup>	SCL: Not Available  Acute M factor: Not Available  Chronic M factor: Not Available	Not Available
1. 32210-23-4 2. Not Available 3. Not Available 4. Not Available	5-10	<u>p-t- Butylcyclohexyl acetate</u>	Sensitisation (Skin) Category 1B; H317 <sup>[1]</sup>	SCL: Not Available  Acute M factor: Not Available  Chronic M factor: Not Available	Not Available
1. 60-12-8 2. Not Available 3. Not Available 4. Not Available	5-10	<u>2-Phenylethan- 1-ol</u>	Acute Toxicity (Oral) Category 4, Serious Eye Damage/Eye Irritation Category 2A; H302, H319 <sup>[1]</sup>	SCL: Not Available  Acute M factor: Not Available  Chronic M factor: Not Available	Not Available
1. 64742-48-9 2. Not Available 3. Not Available 4. Not Available	35-40	<u>Isopar L</u>	Flammable Liquids Category 3, Aspiration Hazard Category 1, Skin Corrosion/Irritation Category 2, Specific Target Organ Toxicity - Single Exposure (Narcotic Effects) Category 3, Hazardous	SCL: Not Available  Acute M factor: 100	Not Available

Continued...

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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
			to the Aquatic Environment Long-Term Hazard Category 2; H226, H304, H315, H336, H411 <sup>[1]</sup>	Chronic M factor: Not Available	

## 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

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

#### Ingestion

- If swallowed do **NOT** induce vomiting.
- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- Observe the patient carefully.
- Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.
- Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.
- Seek medical advice.

### 4.2 Most important symptoms and effects, both acute and delayed

See Section 11

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## 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

## WHITE FLOWER

None known.

### 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

## SECTION 6 Accidental release measures

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### 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.

- 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

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### 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

Continued...

## WHITE FLOWER

- Metal can or drum
- Packaging as recommended by manufacturer.
- Check all containers are clearly labelled and free from leaks.

**Storage incompatibility**

None known

**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**

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**

Continued...

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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

:

Colorless to light yellow

<b>Physical state</b>	Liquid	<b>Relative density (25/25°C)</b>	0.852-0.872
<b>Odour</b>	Characteristic	<b>Partition coefficient n-octanol / water</b>	Not Available
<b>Odour threshold</b>	Not Available	<b>Auto-ignition temperature (°C)</b>	Not Available
<b>pH (as supplied)</b>	Not Available	<b>Decomposition temperature (°C)</b>	Not Available
<b>Melting point / freezing point (°C)</b>	Not Available	<b>Viscosity (cSt)</b>	Not Available
<b>Initial boiling point and boiling range (°C)</b>	Not Available	<b>Molecular weight (g/mol)</b>	Not Available
<b>Flash point (°C)</b>	67	<b>Taste</b>	Not Available
<b>Evaporation rate</b>	Not Available	<b>Explosive properties</b>	Not Available
<b>Flammability</b>	Combustible.	<b>Oxidising properties</b>	Not Available
<b>Upper Explosive Limit (%)</b>	Not Available	<b>Surface Tension (dyn/cm or mN/m)</b>	Not Available
<b>Lower Explosive Limit (%)</b>	Not Available	<b>Volatile Component (%vol)</b>	Not Available
<b>Vapour pressure (kPa)</b>	Not Available	<b>Gas group</b>	Not Available
<b>Solubility in water</b>	Not Available	<b>pH as a solution (1%)</b>	Not Available
<b>Vapour density (Air = 1)</b>	Not Available	<b>VOC g/L</b>	Not Available
<b>Heat of Combustion (kJ/g)</b>	Not Available	<b>Ignition Distance (cm)</b>	Not Available
<b>Flame Height (cm)</b>	Not Available	<b>Flame Duration (s)</b>	Not Available

Continued...

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			Available
<b>Enclosed Space Ignition Time Equivalent (s/m<sup>3</sup>)</b>	Not Available	<b>Enclosed Space Ignition Deflagration Density (g/m<sup>3</sup>)</b>	Not Available
<b>Nanoform Solubility</b>	Not Available	<b>Nanoform Particle Characteristics</b>	Not Available
<b>Particle Size</b>	Not Available		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****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Inhaled**

The material is not thought to produce either adverse health effects or irritation of the respiratory tract following inhalation (as classified by EC Directives using animal models). Nevertheless, adverse systemic effects have been produced following exposure of animals by at least one other route and good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

Inhalation of vapours may cause drowsiness and dizziness. This may be accompanied by sleepiness, reduced alertness, loss of reflexes, lack of co-ordination, and vertigo.

**Ingestion**

Accidental ingestion of the material may be damaging to the health of the individual.

**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 can cause eye irritation and damage in some persons.

**Chronic**

Continued...

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Skin contact with the material is more likely to cause a sensitisation reaction in some persons compared to the general population.

<b>Cotton Fragrance</b>	<b>TOXICITY</b>	<b>IRRITATION</b>
	Not Available	Not Available
<b>Isoeugenol</b>	<b>TOXICITY</b>	<b>IRRITATION</b>
	Not Available	Not Available
<b>alpha-Damascone</b>	<b>TOXICITY</b>	<b>IRRITATION</b>
	Not Available	Not Available
<b>sandal pentenol</b>	<b>TOXICITY</b>	<b>IRRITATION</b>
	Not Available	Not Available
<b>Galaxolide</b>	<b>TOXICITY</b>	<b>IRRITATION</b>
	Not Available	Not Available
<b>Benzyl benzoate</b>	<b>TOXICITY</b>	<b>IRRITATION</b>
	Not Available	Not Available
<b>Coumarin</b>	<b>TOXICITY</b>	<b>IRRITATION</b>
	Not Available	Not Available
<b>Dimethyl benzyl carbinyl acetate</b>	<b>TOXICITY</b>	<b>IRRITATION</b>
	Not Available	Not Available
<b>Linalool</b>	<b>TOXICITY</b>	<b>IRRITATION</b>
	Not Available	Not Available
<b>Citronellol</b>	<b>TOXICITY</b>	<b>IRRITATION</b>
	Not Available	Not Available
<b>amyl salicylate</b>	<b>TOXICITY</b>	<b>IRRITATION</b>
	Not Available	Not Available
<b>o-t-Butylcyclohexyl acetate</b>	<b>TOXICITY</b>	<b>IRRITATION</b>
	Not Available	Not Available
<b>Hexyl salicylate</b>	<b>TOXICITY</b>	<b>IRRITATION</b>
	Not Available	Not Available
<b>Benzyl acetate</b>	<b>TOXICITY</b>	<b>IRRITATION</b>
	Not Available	Not Available
<b>Hexyl cinnam-aldehyde</b>	<b>TOXICITY</b>	<b>IRRITATION</b>
	Not Available	Not Available

Continued...

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p-t-Butylcyclohexyl acetate	<b>TOXICITY</b>	<b>IRRITATION</b>
	Not Available	Not Available
2-Phenylethan-1-ol	<b>TOXICITY</b>	<b>IRRITATION</b>
	Not Available	Not Available
Isopar L	<b>TOXICITY</b>	<b>IRRITATION</b>
	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.

### 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
Relevant available data	Not Available	Not Available	Not Available
PBT	✘	✘	✘
vPvB	✘	✘	✘

Continued...

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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 Management Authority for disposal.
- Bury residue in an authorised landfill.

**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**

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- 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.**
- 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**

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**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****Isoeugenol 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
- International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs
- International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 2B: Possibly carcinogenic to humans

**alpha-Damascone is found on the following regulatory lists**

- Not Applicable

**sandal pentenol 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)

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—  
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Not Classified as Carcinogenic

**Dimethyl benzyl carbiny acetate is found on the following regulatory lists**

—  
Europe EC Inventory

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

**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

**Citronellol is found on the following regulatory lists**

—  
Europe EC Inventory

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

**amyl salicylate is found on the following regulatory lists**

—  
Europe EC Inventory

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

**o-t-Butylcyclohexyl acetate is found on the following regulatory lists**

—  
Europe EC Inventory

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

**Hexyl 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)

**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

**Hexyl cinnam-aldehyde is found on the following regulatory lists**

—  
Europe EC Inventory

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

**p-t-Butylcyclohexyl acetate is found on the following regulatory lists**

—  
Europe EC Inventory

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

### 2-Phenylethan-1-ol is found on the following regulatory lists

Europe EC Inventory

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

### Isopar L is found on the following regulatory lists

Chemical Footprint Project - Chemicals of High Concern List

EU REACH Regulation (EC) No 1907/2006 - Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

EU REACH Regulation (EC) No 1907/2006 - Annex XVII (Appendix 2) Carcinogens: Category 1 B

EU REACH Regulation (EC) No 1907/2006 - Annex XVII (Appendix 4) Germ cell mutagens: Category 1 B

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

European Union Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 1: Carcinogenic to humans

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Not Classified as Carcinogenic

### 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

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	No (sandal pentenol)
Canada - NDSL	No (Isoeugenol; alpha-Damascone; Galaxolide; Benzyl benzoate; Coumarin; Dimethyl benzyl carbinyl acetate; Linalool; Citronellol; amyl salicylate; o-t-Butylcyclohexyl acetate; Hexyl salicylate; Benzyl acetate; Hexyl cinnam-aldehyde; p-t-Butylcyclohexyl acetate; 2-Phenylethan-1-ol; Isopar L)
China - IECSC	No (2-Phenylethan-1-ol)
Europe - EINEC / ELINCS / NLP	No (alpha-Damascone)

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National Inventory	Status
Japan - ENCS	No (alpha-Damascone; sandal pentenol)
Korea - KECI	Yes
New Zealand - NZIoC	Yes
Philippines - PICCS	Yes
USA - TSCA	TSCA Inventory 'Active' substance(s) (Isoeugenol; sandal pentenol; Galaxolide; Benzyl benzoate; Coumarin; Dimethyl benzyl carbinyl acetate; Linalool; Citronellol; amyl salicylate; o-t-Butylcyclohexyl acetate; Hexyl salicylate; Benzyl acetate; Hexyl cinnam-aldehyde; p-t-Butylcyclohexyl acetate; 2-Phenylethan-1-ol; Isopar L); No (alpha-Damascone)
Taiwan - TCSI	Yes
Mexico - INSQ	No (amyl salicylate; Hexyl salicylate; Hexyl cinnam-aldehyde)
Vietnam - NCI	Yes
Russia - FBEPH	No (alpha-Damascone; sandal pentenol)
<b>Legend:</b>	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: 07/11/2024

Initial Date: 30/07/2019

## Full text Risk and Hazard codes

**H226:** Flammable liquid and vapour.**H302:** Harmful if swallowed.**H304:** May be fatal if swallowed and enters airways.**H312:** Harmful in contact with skin.**H319:** Causes serious eye irritation.**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.

## 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 1A, H317	Minimum classification
Specific Target Organ Toxicity - Single Exposure (Narcotic)	Calculation method

Continued...

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<b>Classification according to regulation (EC) No 1272/2008 [CLP] and amendments</b>	<b>Classification Procedure</b>
Effects) Category 3, H336	
Hazardous to the Aquatic Environment Long-Term Hazard Category 2, H411	Calculation method