

SAFETY DATA SHEET

In accordance with GHS Regulation

Issue Date: 29 JAN 2025

SECTION 1. Identification of the Material and Supplier

1.1 Product identifier

Code
Name : French Pear Fragrance

1.2 Recommended use of the chemical and restrictions on use

Recommended use : For industrial use only.
Restrictions on use : Concentrated aromatic raw materials. Not for personal use.

1.3 Supplier's details

Company Name : Illumina Candle Supplies
4D Morrin Road, Mt Wellington, Auckland, NZ.

Telephone Number : +64 21 763471
Fax Number :
E-mail address of competent person responsible for the SDS : hello@illuminacandlesupplies.com

1.4 Emergency telephone number

In case of emergency : +64 21 763 471

SECTION 2. Hazards Identification

2.1 Classification of substance or mixture

Flammable Liquids (Category 4)
Skin Corrosion/Irritation (Category 2)
Hazardous to the Aquatic Environment Acute (Category 2)
Hazardous to the Aquatic Environment Chronic (Category 2)
Serious Eye Damage/Irritation (Category 2)
Skin-Sensitization (Category 1)

2.2 GHS Label elements, including precautionary statements

Hazard pictogram(s)



Signal word : WARNING
Hazard statement(s) : H227 Combustible liquid
H315 Causes skin irritation.
H401 Toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
Precautionary Statement(s) : P103 Read label before use.
P264 Wash ... thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face

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protection.
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
 P501 Dispose of contents/container to ...
 P273 Avoid release to the environment.
 P391 Collect spillage.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 If eye irritation persists: Get medical advice/attention.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P362 Take off contaminated clothing and wash before reuse.
 P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

2.3 Other hazards which do not result in classification

None

SECTION 3: Composition/Information on Ingredients

3.1 Substances

Not Applicable, mixture

3.2 Mixtures

EC No.	CAS No.	Name	GHS Classification	%[weight]
	110-27-0	propan-2-yl tetradecanoate	SCI 3 (H316)	>30.0 <=60.0
201-828-7	88-41-5	(2-tert-butylcyclohexyl) acetate	FL 4 (H227), ATO 5 (H303), SCI 3 (H316), EH A2 (H401), C2 (H411)	>=10.0 <=30.0
203-341-5	105-87-3	[(2E)-3,7-dimethylocta-2,6-dienyl] acetate	SCI 3 (H316), EH A2 (H401), C2 (H411)	>=10.0 <=30.0
214-946-9	1222-05-5	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta(g)-2-benzopyran	EH A1 (H400), C2 (H411)	>0.0 <10.0
203-213-9	104-55-2	(E)-3-phenylprop-2-enal	SCI 2 (H315), STO-SE 3 (H335), SS 1 (H317), EDI 2 (H319)	>0.0 <10.0
284-638-7	8000-34-8	Clove Leaf Oil	SCI 2 (H315), STO-SE 3 (H335), EDI 2 (H319)	>0.0 <10.0
205-572-7	142-92-7	hexyl acetate	FL 3 (H226), SCI 3 (H316), EH A2 (H401), C2 (H411)	>0.0 <10.0
203-225-4	104-67-6	5-heptyloxolan-2-one	SCI 3 (H316), EH A2 (H401)	>0.0 <10.0
202-589-1	97-53-0	1-hydroxy-2-methoxy-4-prop-2-enylbenzene	EDI 2A (H319), SS 1 (H317)	>0.0 <10.0
232-433-8	8028-48-6	Citrus sinensis l. osbeck peel oil	FL 3 (H226), SCI 2 (H315), C2 (H411)	>0.0 <10.0

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EC No.	CAS No.	Name	GHS Classification	%[weight]
204-409-7	120-57-0 or 30024-74-9	1,3-benzodioxole-5-carbaldehyde	ATO 5 (H303), SCI 3 (H316)	>0.0 <10.0
202-983-3	101-86-0	2-(phenylmethyldene)octanal	ATO 5 (H303), EH A2 (H401), C2 (H411), SS 1 (H317)	>0.0 <10.0
246-495-9	24851-98-7	methyl 3-oxo-2-pentylcyclopentaneacetate	SCI 3 (H316), EH A3 (H402)	>0.0 <10.0
204-464-7	121-32-4	3-ethoxy-4-hydroxybenzaldehyde	EDI 2A (H319)	>0.0 <10.0
205-459-2	141-12-8	[(2Z)-3,7-dimethylocta-2,6-dienyl] acetate	EH A2 (H401)	>0.0 <10.0
233-221-8	10094-34-5	(2-methyl-1-phenylpropan-2-yl) butanoate	SCI 3 (H316), EH A2 (H401), C2 (H411)	>0.0 <10.0
248-742-6	27939-60-2 or 68039-49-6	2,4-dimethylcyclohex-3-ene-1-carbaldehyde	FL 4 (H227), ATO 5 (H303), ATD 5 (H313), SCI 2 (H315), EDI 2A (H319), EH A3 (H402), C3 (H412), SS 1 (H317)	>0.0 <10.0
202-086-7	91-64-5	1- benzopyran-2-one	ATO 4 (H302), STO-RE 2 (H373), EH A3 (H402), SS 1 (H317)	>0.0 <10.0
284-635-0	8007-80-5 or 8015-91-6	cinnamomum verum leaf oil	ATD 3 (H311), SCI 2 (H315), EDI 2 (H319)	>0.0 <10.0

SECTION 4: First Aid Measures

4.1 Description of first aid measures

- In case of Ingestion : Call a POISON CENTER or doctor/physician if you feel unwell.
If swallowed, DO NOT INDUCE VOMITING.
- In case of Eye Contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Contact a physician if irritation persists
- In case of inhalation : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
- In case of Skin Contact : Take off contaminated clothing and wash before reuse.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
- General Advice : IF exposed or concerned or if you feel unwell: Consult a doctor/physician

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

- Acute Or Delayed Symptoms : The most important known symptoms (if any) and its effects are described in the labelling (see section 2.2) and/or in section 11
- Chronic Exposure : No further information available on the product itself

4.3 Indication of any immediate medical attention and special treatment needed

- Immediate medical attention : IF exposed or concerned or if you feel unwell: Consult a doctor/physician
Treat symptomatically.

SECTION 5: Fire Fighting Measures

5.1 Extinguishing media

- Suitable extinguishing media : Foam
Dry agent (powder)
- Unsuitable extinguishing media : Coarse water spray(jets)
Fine water spray (fog)

5.2 Special hazards arising from the chemical

- Hazardous combustion products : Chemical must be prevented from entering drains or watercourses

5.3 Special protective actions for fire-fighters

- Special protective equipment for fire-fighters : Breathing apparatus is required
- Hazchem Code : 3Z

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

- Protective equipment : Use personal protective equipment.
Avoid contact with skin and eyes and inhalation of its vapours or smoke.
For personal protection see section 8.
- Emergency procedures : Consult an expert.
Evacuate personnel to safe areas.
Remove all ignition sources and ventilate area.

6.1.2 For emergency responders

- Protective equipment : Use personal protective equipment.
Avoid contact with skin and eyes and inhalation of its vapours or smoke.
For personal protection see section 8.
- Emergency procedures : Remove all ignition sources and ventilate area.
Evacuate personnel to safe areas.
Avoid dust formation. Avoid breathing vapours, mist or gas.

6.2 Environmental precautions

- Environmental Precautions : Should not be released into the environment.
Keep contained to prevent contamination of drains, soil or ground water.

6.3 Methods and material for containment and cleaning up

- To contain a spill
- Methods and Suitable materials for spill : Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-

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containment	lime, sand, soda ash).
Cleaning up	: Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Measures to prevent fire	: Use only in a well-ventilated area. : Keep away from ignition sources and naked flames. Use flameproof electrical equipment and spark-reduced tools.
Measures to protect the environment	: Dispose of rinse water in accordance with local and national regulations.
Advice on general occupational hygiene	: Follow good manufacturing practices for housekeeping and personal hygiene. Wash any exposed skin immediately after chemical contact, before breaks and meals, and at the end of the each work period. Contaminated clothing and shoes should be thoroughly cleaned before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions	: Keep container closed when not in use. Store in a cool, dry, ventilated area away from sources of heat, moisture, and incompatible substances. Protect container from physical damage.
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SECTION 8: Exposure Controls/Personal Protection

8.1 Control parameters

propan-2-yl tetradecanoate (CAS: 110-27-0)	: No data Available
(2-tert-butylcyclohexyl) acetate (CAS: 88-41-5)	: No data Available
[(2E)-3,7-dimethylocta-2,6-dienyl] acetate (CAS: 105-87-3)	: No data Available
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta(g)-2-benzopyran (CAS: 1222-05-5)	: No data Available
(E)-3-phenylprop-2-enal (CAS: 104-55-2)	: No data Available
Clove Leaf Oil (CAS: 8000-34-8)	: No data Available
hexyl acetate (CAS: 142-92-7)	: No data Available
5-heptyloxolan-2-one (CAS: 104-67-6)	: No data Available
1- hydroxy-2-methoxy-4-prop-2-enylbenzene (CAS: 97-53-0)	: No data Available
Citrus sinensis l. osbeck peel oil (CAS: 8028-48-6)	: No data Available
1,3-benzodioxole-5-carbaldehyde (CAS: 120-57-0 or 30024-74-9)	: No data Available
2-(phenylmethylidene)octanal (CAS: 101-86-0)	: No data Available
methyl 3-oxo-2-pentylcyclopentaneacetate (CAS: 24851-98-7)	: No data Available
3-ethoxy-4-hydroxybenzaldehyde (CAS: 121-32-4)	: No data Available
[(2Z)-3,7-dimethylocta-2,6-dienyl] acetate (CAS: 141-12-8)	: No data Available
(2-methyl-1-phenylpropan-2-yl) butanoate (CAS: 10094-34-5)	: No data Available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde (CAS: 27939-60-2 or 68039-49-6)	: No data Available

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1- benzopyran-2-one (CAS: 91-64-5) : No data Available
 cinnamomum verum leaf oil (CAS: 8007-80-5 or 8015-91-6) : No data Available

8.2 Exposure controls

Eye Protection : Avoid eye contact. Use safety glasses with side shield or goggles. Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Skin Protection : Avoid skin contact. Wear clothing that provides comprehensive protection to the skin. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory Protection : Avoid breathing vapour. Wear respiratory protection

Hand Protection : Avoid skin contact. Use chemically resistant gloves.

General Protection : Follow good manufacturing practices for personal hygiene. Wash any exposed skin immediately after chemical contact, before breaks and meals, and at the end of the each work period.

Engineering Controls : Ensure that eyewash stations and safety showers are proximal to the workstation location. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

8.2.3 Environmental exposure controls : Avoid discharge into the environment

SECTION 9: Physical and Chemical Properties

Physical and Chemical Properties

Appearance : Liquid
 Aroma : Sweet Spice Fruit
 Odour Threshold : Not Determined
 pH : Not Determined
 Melting point / freezing point : Not Determined
 Initial boiling point and boiling range : Not Determined
 Flash Point (Closed cup test) : =76.0 °C
 Evaporation rate : Not Determined
 Flammability (solid, gas) : Not Determined
 Upper/lower flammability or explosive limits : Not Determined
 Vapour Pressure : Not Determined
 Vapour Density : Not Determined
 Relative density : Not Determined
 Solubility(ies) : Not Determined
 Partition coefficient: n-octanol/water : Not Determined
 Auto-ignition temperature : Not Determined
 Decomposition temperature : Not Determined
 Viscosity : Not Determined
 Explosive properties : Not Determined
 Oxidising properties : Not Determined

SECTION 10: Stability and Reactivity

10.1 Reactivity

Reactivity hazards : No dangerous reaction known under conditions of normal use.

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10.2 Chemical stability

Chemical Stability : Stable under ordinary conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to Avoid : Heat, flames, ignition sources and incompatibles.

10.5 Incompatible materials

Incompatibilities : None known.

10.6 Hazardous decomposition products

Hazardous Decomposition Products : Stable under ordinary conditions of use and storage.

SECTION 11: Toxicological Information

11.1 Information on toxicological effects

This mixture has not been tested as a whole for health effects

Information about hazardous ingredients in the mixture:

EC No.	CAS No.	Name	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation
	110-27-0	propan-2-yl tetradecanoate	Not Determined	Not Determined	Not Determined
201-828-7	88-41-5	(2-tert-butylcyclohexyl) acetate	Not Determined	Not Determined	Not Determined
203-341-5	105-87-3	[(2E)-3,7-dimethylocta-2,6-dienyl] acetate	Not Determined	Not Determined	Not Determined
214-946-9	1222-05-5	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta(g)-2-benzopyran	Not Determined	Not Determined	Not Determined
203-213-9	104-55-2	(E)-3-phenylprop-2-enal	Not Determined	Not Determined	Not Determined
284-638-7	8000-34-8	Clove Leaf Oil	Not Determined	Not Determined	Not Determined
205-572-7	142-92-7	hexyl acetate	Not Determined	Not Determined	Not Determined
203-225-4	104-67-6	5-heptyloxolan-2-one	Not Determined	Not Determined	Not Determined
202-589-1	97-53-0	1- hydroxy-2-methoxy-4-prop-2-enylbenzene	Not Determined	Not Determined	Not Determined
232-433-8	8028-48-6	Citrus sinensis l. osbeck peel oil	5000.0	Not Determined	Not Determined
204-409-7	120-57-0 or 30024-74-9	1,3-benzodioxole-5-carbaldehyde	Not Determined	Not Determined	Not Determined

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EC No.	CAS No.	Name	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation
202-983-3	101-86-0	2-(phenylmethylidene)octanal	Not Determined	Not Determined	Not Determined
246-495-9	24851-98-7	methyl 3-oxo-2-pentylcyclopentaneacetate	Not Determined	Not Determined	Not Determined
204-464-7	121-32-4	3-ethoxy-4-hydroxybenzaldehyde	Not Determined	Not Determined	Not Determined
205-459-2	141-12-8	[(2Z)-3,7-dimethylocta-2,6-dienyl] acetate	Not Determined	Not Determined	Not Determined
233-221-8	10094-34-5	(2-methyl-1-phenylpropan-2-yl) butanoate	Not Determined	Not Determined	Not Determined
248-742-6	27939-60-2 or 68039-49-6	2,4-dimethylcyclohex-3-ene-1-carbaldehyde	Not Determined	Not Determined	Not Determined
202-086-7	91-64-5	1- benzopyran-2-one	Not Determined	Not Determined	Not Determined
284-635-0	8007-80-5 or 8015-91-6	cinnamomum verum leaf oil	Not Determined	Not Determined	Not Determined

SECTION 12: Ecological Information

12.1 Toxicity

Environmental Toxicity : No specific ecological information is available for this product. Avoid contaminating the soil as well as surface and ground water.

12.2 Persistence and degradability

Degradability : No specific ecological information is available for this product. Avoid contaminating the soil as well as surface and ground water.

12.3 Bioaccumulative potential

Bioaccumulative potential : No specific ecological information is available for this product. Avoid contaminating the soil as well as surface and ground water.

12.4 Mobility in soil

Mobility in soil : No specific ecological information is available for this product. Avoid contaminating the soil as well as surface and ground water.

12.5 Results of PBT and vPvB assessment

PBT or a vPvB assessment : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Other adverse effects

: None

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SECTION 13: Disposal Considerations

Disposal : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14: Transport Information

	ADR/RID	IMDG	ICAO/IATA
14.1 UN Number	3082	3082	3082
14.2 UN proper shipping name	ENVIRONMENTALLY HAZARODUS SUBSTANCE, LIQUID, n.o.s.	ENVIRONMENTALLY HAZARODUS SUBSTANCE, LIQUID, n.o.s.	Environmentally hazardous substance, liquid, n.o.s
14.3 Transport hazard class(es)	9	9	9
14.4 Packing group	III	III	III
	Tunnel Rrestriction Code: (E) Digit Of Hazard Label: 9 Classification Code: M6	EmS: F-A, S-F	
14.5 Environmental hazards	Yes	Marine pollutant: Yes	Not Applicable
14.6 Special precautions for user	None	None	None
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	None	IBC03	None

SECTION 15: Regulatory Information

15.1 Safety, health and environmental regulations specific for the product in question

15.1.1 Classification for mixtures according to GHS Regulation

No Further data available

15.1.2 National Regulations

No further information.

SECTION 16: Other Information

Revisions

Revision 1(Date :26-Jul-2022)

Abbreviations and acronyms

- ATD 3 - Acute Toxicity-DERMAL Category 3
- ATD 5 - Acute Toxicity-DERMAL Category 5
- ATO 4 - Acute Toxicity-ORAL Category 4
- ATO 5 - Acute Toxicity-ORAL Category 5

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- C2 - Hazardous to the Aquatic Environment Chronic Category 2
 - C3 - Hazardous to the Aquatic Environment Chronic Category 3
 - EDI 2 - Serious Eye Damage/Irritation Category 2
 - EDI 2A - Serious Eye Damage/Irritation Category 2A
 - EH A1 - Hazardous to the Aquatic Environment Acute Category 1
 - EH A2 - Hazardous to the Aquatic Environment Acute Category 2
 - EH A3 - Hazardous to the Aquatic Environment Acute Category 3
 - FL 3 - Flammable Liquids Category 3
 - FL 4 - Flammable Liquids Category 4
 - SCI 2 - Skin Corrosion/Irritation Category 2
 - SCI 3 - Skin Corrosion/Irritation Category 3
 - SS 1 - Skin-Sensitization Category 1
 - STO-RE 2 - Specific Target Organ Toxicity(Repeated Exposure) Category 2
 - STO-SE 3 - Specific Target Organ Toxicity(Single Exposure) Category 3
 - H226 - Flammable liquid and vapour.
 - H227 - Combustible liquid
 - H302 - Harmful if swallowed.
 - H303 - May be harmful if swallowed
 - H311 - Toxic in contact with skin.
 - H313 - May be harmful in contact with skin
 - H315 - Causes skin irritation.
 - H316 - Causes mild skin irritation
 - H317 - May cause an allergic skin reaction.
 - H319 - Causes serious eye irritation.
 - H335 - May cause respiratory irritation.
 - H373 - May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
 - H400 - Very toxic to aquatic life.
 - H401 - Toxic to aquatic life.
 - H402 - Harmful to aquatic life.
 - H411 - Toxic to aquatic life with long lasting effects.

Further Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Ingredient Innovations Ltd Pty be liable for any claims, losses, or damages.

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