

Safety Data Sheet (SDS)

The content and format of this SDS is accordant with 29 CFR 1910.1200 (OSHA standard)

1. Identification

Product details:

Product name: Palm blend candle

Recommended use of the chemical and restrictions on use: Air fragrance. Restrictions on use: Do NOT use it in an application which may contaminate food or do harm to human health.

Manufacturer/Supplier: Aroma Bay Candles Co., Ltd.

Address: Tieu Tra, Hungdao, Duongkinh, Haiphong Vietnam

Postcode: 35000

Tel.: +84-906289495

Email: zhouliong@homeaccent.com.cn

Emergency phone number: +84-906289495

2. Hazards identification

GHS classification:

Physical hazards:	Not classified
Health hazards:	Skin sensitizer - Category 1
Environmental hazards:	Hazardous to the aquatic environment, acute hazard - Category 3 Hazardous to the aquatic environment, long-term hazard - Category 3

Signal Word: Warning

Pictogram:



Hazard Statements:

H317: May cause an allergic skin reaction.

H402: Harmful to aquatic life.

H412: Harmful to aquatic life with long lasting effects.

Precautionary Statements:

P261: Avoid breathing dust/fume.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P280: Wear protective gloves.

Response Precautionary Statements:

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

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

P321: Specific treatment (Please see the specific measures for accident that included in the label, or go to hospital for treatment).

P363: Wash contaminated clothing before reuse.

Storage precautionary statements:

No special requirements.

Disposal precautionary statements:

P501: Dispose of contents/container according to relevant local and national regulations (It is recommended to use incineration method to dispose of waste).

3. Composition/information on ingredients

Product description: substance (); mixture (√).

Ingredient (s)	CAS No.	EC No.	% by weight
Paraffin	64742-51-4	265-154-5	39.7
Oils, palm, stearins	91079-14-0	293-400-1	31
Glycerides,C16-18	68002-71-1	268-084-3	20
Microcrystalline wax	63231-60-7	264-038-1	4
CINNAMALDEHYDE	104-55-2	203-213-9	0.6
BENZYL ALCOHOL	100-51-6	202-859-9	0.3
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetrame thyl-2-naphthyl)ethan-1-one	54464-57-2	259-174-3	0.3
Linalool	78-70-6	201-134-4	0.3
Hexyl cinnamic aldehyde	101-86-0	202-983-3	0.3
Cyclohexanol, 2-(1,1-dimethylethyl)-, acetate	88-41-5	201-828-7	0.3
D-Limonene	5989-27-5	227-813-5	0.3
Linalyl acetate	115-95-7	204-116-4	0.3
Geraniol	106-24-1	203-377-1	0.3
Citral	5392-40-5	226-394-6	0.3
2,6-dimethyl-7-octen-2-ol	18479-58-8	242-362-4	0.3
BENZYL BENZOATE	120-51-4	204-402-9	0.3
ETHYL VANILLIN	121-32-4	204-464-7	0.3
COUMARIN	91-64-5	202-086-7	0.3
CYCLAMEN ALDEHYDE	103-95-7	203-161-7	0.3
3-Decen-5-ol, 4-methyl-	81782-77-6	279-815-0	0.1
Pin-2(10)-ene	127-91-3	204-872-5	0.1
BENZYL CINNAMATE	103-41-3	203-109-3	0.1
GAMMA-TERPINENE	99-85-4	202-794-6	0.1
1,3-Benzodioxole-5-propanal, a-methyl-	1205-17-0	214-881-6	0.1

4. First aid measures

Persons using this product should consult a physician or other medical professional if an accident involving this product results in injury. Specific first-aid measures are as follows:

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical help if you feel unwell.

Skin Contact: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Eyes Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Rinse mouth. Do not induce vomiting without professional instruction. Get medical help if you feel unwell.

Acute effect and delayed effect:

Acute effect: May cause an allergic skin reaction.

Delayed effect: Not found.

Personal protective equipment: Wear protective gloves/protective clothing/eye protection/face protection when necessary.

Indication of immediate medical attention and treatment needed, if necessary: Treat according to symptoms and exposure dose.

5. Fire-fighting measures

Extinguishing Media: Use water spray, CO₂, dry chemical, foam for extinction.

Unsuitable Extinguishing Media: Reinforced liquid (straight stream).

Special hazards arising from the chemical: The product is not flammable, and has no special danger.

Fire Fighting Method:

For initial fire, use dry powder, carbon dioxide, etc.

For large fire, it is effective to use fire foam, etc. to shut off air supply.

Deny unnecessary entry to the place around the fire.

Remove containers from fire area if it can be done without risk.

Cool surrounding facilities, etc. with water spray.

Extinguish fire from upwind, and the fire extinguishing method should be appropriate to the situation in the surroundings.

Special actions for fire-fighters: Firefighters must wear self-contained breathing apparatus and full protective equipment.

Check whether the protective equipment is in good condition before use.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Personal precautions: Use proper personal protective equipment as indicated in Section 8.

Emergency procedures: Due to the nature of this product, there are no special requirement.

Environmental precautions: Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.

Methods and material for containment and cleaning up:

Due to the nature of this product, there is no special measure for collection.

Collect it into a proper container for disposal.

Avoid generating dust during collection and clean-up.

7. Handling and storage

Precautions for safe handling:

Avoid breathing dust/fume.

Contaminated work clothing should not be allowed out of the workplace.

Avoid release to the environment.

Wear protective gloves.

Conditions for safe storage, including any incompatibilities: Store it in a well-ventilated, cool and dry store room.

Incompatible substances or mixtures: No relevant information.

Packing material: Glass/tin/ceramic.

8. Exposure controls/personal protection

Occupational Exposure Limits:

Ingredients	OSHA PEL-TWA	ACGIH TLV-TWA
Not applicable	Not applicable	Not applicable

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Install washer eyes and safety showers near to the handling and storage area.

Personal Protective Equipment (For workers):

Protection of Hands: Wear impermeable rubber gloves.



Protection of Eyes: Wear safety glasses when working in a dusty environment.



Respiratory Protection: Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms occur.



Protection of Body: Recommend wearing general working clothing.



General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.

9. Physical and chemical properties

General Information	
Form	Solid
Color	Beige
Odor	Fragrant
Odor threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas, etc.)	Non-flammable
Upper/lower flammability or explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Density	No data available
Solubility (ies)	No data available
Partition coefficient: n-octanol/Water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	Not applicable

10. Stability and reactivity

Reactivity and Chemical stability: Stable under normal temperatures and pressures.

Possibility of hazardous reactions: Not reactive under normal handling and storage.

Conditions to Avoid: High temperature.

Incompatible materials: No relevant information.

Hazardous decomposition products: No relevant information.

11. Toxicological information

Product Toxicity Data:

Ingredient (s)	CAS No.	LD ₅₀ /LC ₅₀ (Median lethal dose)
Paraffin	64742-51-4	Acute toxicity (Oral) LD ₅₀ > 5,000 mg /kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ > 2,000 mg/kg (rat) Data source: ECHA
Microcrystalline wax	63231-60-7	Acute toxicity (Oral) LD ₅₀ > 5,000 mg /kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ > 2,000 mg/kg (rat) Data source: ECHA
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	54464-57-2	No data available
Linalool	78-70-6	Acute toxicity (Oral) LD ₅₀ : 2,790 mg /kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ : 5,610 mg/kg (rabbit) Data source: ECHA
Hexyl cinnamic aldehyde	101-86-0	Acute toxicity (Oral) LD ₅₀ : 2,450 mg /kg (rat) Data source: KOSHA Acute toxicity (Dermal) LD ₅₀ > 3,000 mg/kg (rabbit) Data source: KOSHA
Cyclohexanol, 2-(1,1-dimethylethyl)-, acetate	88-41-5	Acute toxicity (Oral) LD ₅₀ : 4,600 mg /kg (rat) Data source: KOSHA Acute toxicity (Dermal) LD ₅₀ : 5,000 mg/kg (rat) Data source: KOSHA
D-Limonene	5989-27-5	Acute toxicity (Oral) LD ₅₀ > 2,000 mg /kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ > 5,000 mg/kg (rat) Data source: ECHA
Linalyl acetate	115-95-7	Acute toxicity (Oral) LD ₅₀ > 9,000 mg /kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ > 5,000 mg/kg (rabbit) Data source: ECHA
Geraniol	106-24-1	Acute toxicity (Oral) LD ₅₀ : 3,600 mg /kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ > 5,000 mg/kg (rabbit) Data source: ECHA
Citral	5392-40-5	Acute toxicity (Oral) LD ₅₀ : 6,800 mg /kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ > 2,000 mg/kg (rat) Data source: ECHA
2,6-dimethyl-7-octen-2-ol	18479-58-8	Acute toxicity (Oral) LD ₅₀ : 4,100 mg /kg (rat)

		Data source: ECHA
Oils, palm, stearins	91079-14-0	No data available
Glycerides,C16-18	68002-71-1	Acute toxicity (Oral) LD ₅₀ > 5,000 mg /kg (rat) Data source: ECHA
CINNAMALDEHYDE	104-55-2	Acute toxicity (Oral) LD ₅₀ : 2,220 mg /kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ > 2,000 mg/kg (rat) Data source: ECHA
BENZYL ALCOHOL	100-51-6	Acute toxicity (Oral) LD ₅₀ : 1,570 mg /kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ > 2,000 mg/kg (rabbit) Data source: ECHA
BENZYL BENZOATE	120-51-4	Acute toxicity (Oral) LD ₅₀ > 2,000 mg /kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ > 2,000 mg/kg (rabbit) Data source: ECHA
ETHYL VANILLIN	121-32-4	Acute toxicity (Oral) LD ₅₀ > 3,160 mg /kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ > 2,000 mg/kg (rat) Data source: ECHA
COUMARIN	91-64-5	Acute toxicity (Oral) LD ₅₀ : 520 mg /kg (rat) Data source: ECHA
CYCLAMEN ALDEHYDE	103-95-7	Acute toxicity (Oral) LD ₅₀ > 2,000 mg /kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ > 5,000 mg/kg (rat) Data source: ECHA
3-Decen-5-ol, 4-methyl-	81782-77-6	Acute toxicity (Oral) LD ₅₀ > 8,000 mg /kg (rat) Data source: ECHA
Pin-2(10)-ene	127-91-3	No data available
BENZYL CINNAMATE	103-41-3	Acute toxicity (Oral) LD ₅₀ : 3,280 mg /kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ > 3,000 mg/kg (rabbit) Data source: ECHA
GAMMA-TERPINENE	99-85-4	Acute toxicity (Oral) LD ₅₀ > 2,000 mg /kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ > 2,000 mg/kg (rat) Data source: ECHA
1,3-Benzodioxole-5-propanal, α-methyl-	1205-17-0	Acute toxicity (Oral) LD ₅₀ : 3,561 mg /kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ > 2,000 mg/kg (rabbit) Data source: ECHA
Classification of the whole product:		Not classified

Skin corrosion/irritation

Linalool (CAS: 78-70-6): Category 2 (Data source: ECHA)
D-Limonene (CAS: 5989-27-5): Category 2 (Data source: CLP)
Linalyl acetate (CAS: 115-95-7): Category 2 (Data source: ECHA)
Citral (CAS: 5392-40-5): Category 2 (Data source: CLP)
2,6-dimethyl-7-octen-2-ol (CAS: 18479-58-8): Category 2 (Data source: ECHA)
CINNAMALDEHYDE (CAS: 104-55-2): Category 2 (Data source: ECHA)
CYCLAMEN ALDEHYDE (CAS: 103-95-7): Category 2 (Data source: ECHA)
Pin-2(10)-ene (CAS: 127-91-3): Category 2 (Data source: ECHA)

Serious eye damage/eye irritation

Classification of the whole product: Not classified
Linalool (CAS: 78-70-6): Category 2 (Data source: ECHA)
Linalyl acetate (CAS: 115-95-7): Category 2 (Data source: ECHA)
2,6-dimethyl-7-octen-2-ol (CAS: 18479-58-8): Category 2 (Data source: ECHA)
CINNAMALDEHYDE (CAS: 104-55-2): Category 2 (Data source: ECHA)
ETHYL VANILLIN (CAS: 121-32-4): Category 2 (Data source: ECHA)

Respiratory sensitizer

Skin sensitizer

Classification of the whole product: Not classified
No classification for this product.
Linalool (CAS: 78-70-6): Category 1B (Data source: ECHA)
Hexyl cinnamic aldehyde (CAS: 101-86-0): Category 1 (Data source: ECHA)
D-Limonene (CAS: 5989-27-5): Category 1B (Data source: CLP)
Linalyl acetate (CAS: 115-95-7): Category 1B (Data source: ECHA)
Geraniol (CAS: 106-24-1): Category 1 (Data source: CLP)
Citral (CAS: 5392-40-5): Category 1 (Data source: CLP)
CINNAMALDEHYDE (CAS: 104-55-2): Category 1 (Data source: ECHA)
COUMARIN (CAS: 91-64-5): Category 1 (Data source: ECHA)
CYCLAMEN ALDEHYDE (CAS: 103-95-7): Category 1B (Data source: ECHA)
Pin-2(10)-ene (CAS: 127-91-3): Category 1B (Data source: ECHA)
BENZYL CINNAMATE (CAS: 103-41-3): Category 1B (Data source: ECHA)

Germ cell mutagenicity

Carcinogenicity

Reproductive Toxicity

Specific target organ toxicity, single exposure:

Specific target organ toxicity, repeated exposure:

Aspiration hazard

source: ECHA)

Classification of the whole product: Category 1

No classification for this product.

No classification for this product.

No classification for this product.

2,6-dimethyl-7-octen-2-ol (CAS: 18479-58-8): Category 3
(Narcotic effects) (Data source: ECHA)

Classification of the whole product: Not classified

No classification for this product.

D-Limonene (CAS: 5989-27-5): Category 1 (Data source:
CLP)

Classification of the whole product: Not classified

12. Ecological information

Ecotoxicity:

Paraffin (CAS: 64742-51-4):

96h-LL₅₀ > 100 mg/L, fish (Pimephales promelas) (ECHA)

Microcrystalline wax (CAS: 63231-60-7):

96h-LL₅₀ > 100 mg/L, fish (Pimephales promelas) (ECHA)

Linalool (CAS: 78-70-6):

96h-LC₅₀: 27.8 mg/L, fish (Oncorhynchus mykiss) (ECHA)

D-Limonene (CAS: 5989-27-5):

96h-LC₅₀: 0.72 mg/L, fish (Pimephales promelas) (ECHA)

8d-NOEC: 0.37 mg/L, fish (Pimephales promelas) (ECHA)

Hazardous to the aquatic environment, acute hazard - Category 1 (CLP)

Hazardous to the aquatic environment, long-term hazard - Category 1 (CLP)

Glycerides, C16-18 (CAS: 68002-71-1):

96h-LC₀: 1,000 mg/L, fish (Danio rerio) (ECHA)

BENZYL BENZOATE (CAS: 120-51-4):

96h-LC₅₀: 2.32 mg/L, fish (Danio rerio) (ECHA)

35d-NOEC: 0.023 mg/L, fish (Danio rerio) (ECHA)

Hazardous to the aquatic environment, acute hazard - Category 2 (CLP)

Hazardous to the aquatic environment, long-term hazard - Category 2 (CLP)

ETHYL VANILLIN (CAS: 121-32-4):

96h-LC₅₀: 87.6 mg/L, fish (Danio rerio) (ECHA)

BENZYL CINNAMATE (CAS: 103-41-3):

96h-LC₅₀ > 0.643 mg/L, fish (Danio rerio) (ECHA)

Hazardous to the aquatic environment, acute hazard - Category 1 (ECHA)

GAMMA-TERPINENE (CAS: 99-85-4):

96h-EC₅₀: 2.792 mg/L, fish (Danio rerio) (ECHA)

Hazardous to the aquatic environment, acute hazard - Category 2 (ECHA)

Classification of the whole product:

Hazardous to the aquatic environment, acute hazard - Category 3

Hazardous to the aquatic environment, long-term hazard - Category 3

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in Soil: No data available

Other adverse effects: No relevant information.

13. Disposal considerations

Waste treatment methods:

It is recommended to use incineration method to dispose of waste.

Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.

After contents are completely removed, dispose of its container at hazardous or special waste collection point.

Paste a label on the container indicating the possible hazards of the waste.

14. Transport Information

DOT/Air-Transportation- IATA/ICAO/Sea-Transportation-IMO/IMDG:

UN proper shipping name: Not applicable

Transport hazard class(es): Not applicable

UN number: Not applicable

Packing Group: Not applicable

Packing Group Symbol: Not applicable

Marine Pollutant (Yes/No): No

EMS NO.: Not applicable

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable.

Special precautions:

Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

15. Regulatory information

United States:

Emergency Planning and Community Right-to-Know Act (EPCRA) section 313 chemicals:

Chemical Name	CAS No.	Weight-%	SARA 313 – Threshold Values %
Not applicable	Not applicable	Not applicable	Not applicable

40 CFR part 355 (Extremely Hazardous Substances): Not listed.

California Proposition 65 (Chemicals Known to the State to Cause Cancer or Reproductive Toxicity):

Chemical Name	CAS No.	Type of Toxicity
Not applicable	Not applicable	Not applicable

Clean Water Act:

Ingredient (s)	CWA - Reportable Quantities	CWA - Hazardous Substances	CWA - Priority Pollutants	CWA - Toxic Pollutants
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Toxic Substances Control Act (TSCA):

Chemical Name	CAS No.	TSCA Inventory
Paraffin	64742-51-4	Listed
Microcrystalline wax	63231-60-7	Listed
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	54464-57-2	Listed
Linalool	78-70-6	Listed
Hexyl cinnamic aldehyde	101-86-0	Listed
Cyclohexanol, 2-(1,1-dimethylethyl)-, acetate	88-41-5	Listed
D-Limonene	5989-27-5	Listed
Linalyl acetate	115-95-7	Listed
Geraniol	106-24-1	Listed
Citral	5392-40-5	Listed
2,6-dimethyl-7-octen-2-ol	18479-58-8	Listed
Oils, palm, stearins	91079-14-0	Not listed
Glycerides, C16-18	68002-71-1	Listed
CINNAMALDEHYDE	104-55-2	Listed
BENZYL ALCOHOL	100-51-6	Listed
BENZYL BENZOATE	120-51-4	Listed
ETHYL VANILLIN	121-32-4	Listed
COUMARIN	91-64-5	Listed
CYCLAMEN ALDEHYDE	103-95-7	Listed
3-Decen-5-ol, 4-methyl-	81782-77-6	Listed
Pin-2(10)-ene	127-91-3	Listed
BENZYL CINNAMATE	103-41-3	Listed
GAMMA-TERPINENE	99-85-4	Listed
1,3-Benzodioxole-5-propanal, α-methyl-	1205-17-0	Listed

Carcinogenicity categories: D-Limonene (CAS: 5989-27-5): IARC-3, COUMARIN (CAS: 91-64-5): IARC-3.

Other relevant laws and regulations:

Candidate List of Substances of very high concern (SVHC) according to ECHA: Not listed.

REACH Regulation Annex XVII Regulation List: Not listed.

REACH Regulation Annex XIV Authorization List: Not listed.

Germany – WGK: WGK-1.

(EC) 1272/2008 Annex VI Table 3.1:

Ingredient(s)	EC No. 1272/2008 Classification	
	CLASS. CODE	HAZARD CODE
Linalool (CAS: 78-70-6)	Skin Sens. 1B	H317
D-Limonene (CAS: 5989-27-5)	Flam. Liq. 3	H226
	Asp. Tox. 1	H304
	Skin Irrit. 2	H315
	Skin Sens. 1B	H317
	Aquatic Acute 1	H400
	Aquatic Chronic 3	H412
Geraniol (CAS: 106-24-1)	Skin Sens. 1	H317
Citral (CAS: 5392-40-5)	Skin Irrit. 2	H315
	Skin Sens. 1	H317
BENZYL ALCOHOL (CAS: 100-51-6)	Acute Tox. 4 *	H332
	Acute Tox. 4 *	H302
BENZYL BENZOATE (CAS: 120-51-4)	Acute Tox. 4 *	H302
	Aquatic Chronic 2	H411

Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

16. Other information

DISCLAIMER:

All the information of this SDS is true and effective, and only for reference. Our company will not control the way how people use it, neither will we be responsible for any consequence. The users shall decide how to properly use the product or adopt certain production way for some special purpose. The above-mentioned precautionary measures are helpful to avoid damage to the property or life safety during the operation or use of this product.

References:

GHS Annex II
GHS SDS Instruction
ANSI Z400.1/Z129.1-2010
OSHA Hazard Communication Standard (HCS) 2012

Full description of some acronyms:

CAS-Chemical Abstracts Service
EINECS-European Inventory of Existing Commercial Chemical Substances
IMO-International Maritime Organization
IMDG-International Maritime Dangerous Goods
IATA-International Air Transport Association
ICAO-International Civil Aviation Organization
TSCA-Toxic Substances Control Act
OSHA-Occupational Safety and Health Administration

ACGIH- American Conference of Governmental Industrial Hygienists

ECHA- European Chemicals Agency

NITE-CHRIP- Japan National Institute of Technology and Evaluation-Chemical Risk Information Platform

The Issuing date: January 31, 2024

SDS Version: 1.0

*****The End*****