

Hangzhou Felshare Biotechnology Co., Ltd
Tel: +86-400-0571-900
<http://www.felshare.com>

Product: Lavender
Product No: FS2007970

Version 2.0
2019-11-28

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

1.1 Product identifier

Commercial Product Name : Lavender
Material number : FS2007970

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

Intended Use Fragrances : Perfume compound

1.3 Details of the supplier of the safety data sheet

Company : HANGZHOU FELSHARE BIOTECHNOLOGY CO., LTD
address : 3/F Building 4, No.1672 Nanhuan Road, Binjiang District,
Hangzhou, Zhejiang, China
Telephone : +86-400-0571-900
Telefax : +86-571-8765 2782
Website : <https://www.felshare.com>

SECTION 2. Hazards identification

2.1 Classification

Classification

Flammable liquids, Category 4	H227: Combustible liquid.
Acute toxicity, Category 4	H302: Harmful if swallowed.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2A	H319: Causes serious eye irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Short-term (acute) aquatic hazard, Category 1	H400: Very toxic to aquatic life.
Long-term (chronic) aquatic hazard, Category 2	H411: Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling

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Hazard pictograms

:



Signal word

:

Warning

Hazard statements

:

H227 Combustible liquid.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

:

Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/ eye protection/ face protection.

Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
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.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. Collect spillage.
P391 Collect spillage.

Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.

Disposal:

P501 Dispose of contents/ container to an

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approved waste disposal plant.

Hazardous components which must be listed on the label:

- Benzoic acid, phenyl methyl ester 120-51-4
- 3,7-dimethyl-1,6-octadien-3-yl acetate (= linalyl acetate) 115-95-7
- 3,7-dimethyl-1,6-octadien-3-ol (= Linalool) 78-70-6
- hexyl 2-hydroxybenzoate 6259-76-3

2.3 Other hazards

no data available

SECTION 3. Composition/information on ingredients

Pure substance/mixture : Mixture

Chemical name	CAS-No. EC-No.	Classification (Regulation GB13690)	Concentration [%]
Benzoic acid, phenyl methyl ester	120-51-4 204-402-9	Acute toxicity 4; H302 Acute toxicity 5; H313 Short-term (acute) aquatic hazard 1; H400 Long-term (chronic) aquatic hazard 2; H411	40
3,7-dimethyl-1,6-octadien-3-yl acetate (= linalyl acetate)	115-95-7 204-116-4	Flammable liquids 4; H227 Skin irritation 2; H315 Eye irritation 2B; H320 Skin sensitisation 1B; H317 Short-term (acute) aquatic hazard 3; H402	24
3,7-dimethyl-1,6-octadien-3-ol (= Linalool)	78-70-6 201-134-4	Flammable liquids 4; H227 Acute toxicity 5; H303 Skin irritation 2; H315 Eye irritation 2A; H319 Skin sensitisation 1B; H317 Short-term (acute) aquatic hazard 3; H402	18

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hexyl 2-hydroxybenzoate	6259-76-3 228-408-6	Skin irritation 3; H316 Skin sensitisation 1; H317 Short-term (acute) aquatic hazard 1; H400 Long-term (chronic) aquatic hazard 1; H410	9
2,6-dimethyl-2-octanol	18479-57-7 242-361-9	Flammable liquids 4; H227 Skin irritation 2; H315 Eye irritation 2B; H320 Short-term (acute) aquatic hazard 3; H402	1.9
4,11,11-trimethyl-8-methylenebicyclo[7.2.0]undec-4-ene (= Caryophyllene)	87-44-5 201-746-1	Skin sensitisation 1B; H317 Aspiration hazard 1; H304 Long-term (chronic) aquatic hazard 4; H413	2.2
Pentyl 2-hydroxybenzoate	2050-08-0 218-080-2	Acute toxicity 4; H302 Short-term (acute) aquatic hazard 1; H400 Long-term (chronic) aquatic hazard 1; H410	2.1
2H-1-benzopyran-2-one (=coumarin)	91-64-5 202-086-7	Acute toxicity 4; H302 Skin sensitisation 1B; H317 Short-term (acute) aquatic hazard 3; H402	2.1
3,7-dimethylocta-1,3,6-triene (=ocimene)	13877-91-3 237-641-2	Flammable liquids 3; H226 Acute toxicity 5; H303 Skin irritation 2; H315 Aspiration hazard 1; H304 Short-term (acute) aquatic hazard 1; H400 Long-term (chronic) aquatic hazard 2; H411	0.7

SECTION 4. First aid measures

4.1 Description of first aid measures

General advice : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

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If inhaled	: Move to fresh air. If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	: If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.
In case of eye contact	: Remove contact lenses. Immediately flush eyes for at least 15 minutes. Get medical attention.
If swallowed	: Induce vomiting immediately and call a physician. Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Take victim immediately to hospital.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	: no data available
Risks	: no data available

4.3 Indication of any immediate medical attention and special treatment needed

Treatment	: no data available
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SECTION 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	: Dry chemical Alcohol-resistant foam Carbon dioxide (CO ₂) Water spray
Unsuitable extinguishing media	: High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting	: Do not allow run-off from fire fighting to enter drains or water courses.
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5.3 Advice for firefighters

- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
For safety reasons in case of fire, cans should be stored separately in closed containments.
Use a water spray to cool fully closed containers.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal precautions : Use personal protective equipment.

6.2 Environmental precautions

- Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up

- Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

Not applicable

SECTION 7. Handling and storage

7.1 Precautions for safe handling

- Advice on safe handling : Avoid formation of aerosol.
Do not breathe vapours/dust.

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Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Provide sufficient air exchange and/or exhaust in work rooms.
Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material.
Keep away from open flames, hot surfaces and sources of ignition.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : No smoking.
Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Observe label precautions.
Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions : Ambient / 10-30°C (50-85°F)
Dry, well ventilated, preferably full, hermetically sealed
Advice on common storage : Protect against light.
Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Not applicable

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Personal protective equipment

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

Hand protection : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

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Eye protection	: Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems.
Skin and body protection	: Impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Hygiene measures	: When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: liquid
Form	: liquid
Colour	: Almost colorless
Taste	: not determined
Odour	: Agrestic, Floral, Green
Odour Threshold	: Not applicable
Flash point	: 92 °C Method: Grabner miniflash closed cup
Lower explosion limit	: not determined
Upper explosion limit	: not determined
Flammability (solid, gas)	: Not applicable
Oxidizing properties	: no data available
Auto-ignition temperature	: not determined
Decomposition temperature	: no data available
pH	: not determined
Melting point	: not determined
Boiling point	: not determined
Bulk density	: Not applicable
Water solubility	: not determined
Solubility/qualitative	: practically insoluble
Partition coefficient: n-octanol/water	: Not applicable
Viscosity, kinematic	: no data available
Relative vapour density	: no data available
Evaporation rate	: no data available

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SECTION 10. Stability and reactivity

10.1 Reactivity

none

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed. Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid : no data available

10.6 Hazardous decomposition products

Hazardous decomposition products : no data available
Thermal decomposition : no data available

SECTION 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity : Acute toxicity estimate
Dose: 1,034 mg/kg
Method: Calculation method

Acute inhalation toxicity : No data is available on the product itself.

Acute dermal toxicity : Acute toxicity estimate
Dose: > 5,000 mg/kg
Method: Calculation method

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Acute toxicity (other routes of administration) : No data is available on the product itself.

Skin corrosion/irritation

Skin irritation : May cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation

Eye irritation : Vapours may cause irritation to the eyes, respiratory system and the skin.

Respiratory or skin sensitisation

Sensitisation : No data is available on the product itself.

Germ cell mutagenicity

Germ cell mutagenicity : No data is available on the product itself.

Carcinogenicity

Carcinogenicity : No data is available on the product itself.

Reproductive toxicity

Reproductive toxicity : No data is available on the product itself.

Target Organ Systemic Toxicant - Single exposure

Target Organ Systemic Toxicant - Single exposure : No data is available on the product itself.

Target Organ Systemic Toxicant - Repeated exposure

Target Organ Systemic Toxicant - Repeated exposure : No data is available on the product itself.

Aspiration hazard

Aspiration toxicity : No data is available on the product itself.

Phototoxicity

Phototoxicity : No data is available on the product itself.

Further information : Concentrations substantially above the TLV value may cause narcotic effects.
Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Solvents may degrease the skin.

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SECTION 12. Ecological information

12.1 Toxicity

Toxicity to fish	: no data available
Toxicity to daphnia and other aquatic invertebrates	: no data available
Toxicity to algae	: no data available
Toxicity to bacteria	: no data available
Toxicity to fish (Chronic toxicity)	: no data available
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: no data available
Short-term (acute) aquatic hazard	: no data available
Long-term (chronic) aquatic hazard	: no data available
Toxicity Data on Soil	: no data available
Other organisms relevant to the environment	: no data available
Impact on Sewage Treatment	: no data available

12.2 Persistence and degradability

Biodegradability	: no data available
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12.3 Bioaccumulative potential

Bioaccumulation	: no data available
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12.4 Mobility in soil

Mobility	: no data available
Distribution among environmental compartments	: no data available
Additional advice Environmental fate and pathways	: no data available
Physico-chemical removability	: no data available

12.5 Results of PBT and vPvB assessment

no data available

12.6 Other adverse effects

Additional ecological information	: Toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life. Toxic to aquatic life.
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SECTION 13. Disposal considerations

13.1 Waste treatment methods

- Product : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.
- Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

Dispose of in accordance with local regulations.

SECTION 14. Transport information

14.1 UN number

- UN : UN 3082
- IMDG : UN 3082
- IATA : UN 3082

14.2 UN proper shipping name

- UN : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Benzyl benzoate, Hexyl salicylate)
- IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
: (Benzyl benzoate, Hexyl salicylate)
- IATA : Environmentally hazardous substance, liquid, n.o.s.
(Benzyl benzoate, Hexyl salicylate)

14.3 Transport hazard class(es)

- UN : 9

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IMDG : 9

IATA : 9

14.4 Packing group

UN : III

IMDG : III

IATA : III

14.5 Environmental hazards

UN

Environmentally hazardous : yes

IMDG

Marine pollutant : yes

IATA (Passenger)

Environmentally hazardous : yes

IATA (Cargo)

Environmentally hazardous : yes

14.6 Special precautions for user

N/A

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

SECTION 15. Regulatory information

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

Below regulations has been referred:

Regulations on the Control over Safety of Dangerous Chemicals
GB13690 General Rule for classification and hazard communication of chemicals
GB30000 Series Rules for classification and labelling of chemicals

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GB/T16483 Safety data sheet for chemical products - Content and order of sections
GB15258 General rules for preparation of precautionary label for chemicals
GB6944 Classification and code of dangerous goods
GBZ2.1 Occupational exposure limits for hazardous agents in the workplace part 1: Chemical hazardous agents
List of hazardous waste of China

Catalogue of Commodities Forbidden to Import

These components are not in the list

Catalogue of Commodities Forbidden to Export

These components are not in the list

List of strict control toxic chemicals on import and export of China

These components are not in the list

All existing national regulations must be followed when handle the product and dispose its waste

SECTION 16. Other information

Full text of H-Statements referred to under sections 2 and 3.

H226	Flammable liquid and vapour.
H227	Combustible liquid.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
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.
H320	Causes eye irritation.
H400	Very toxic to aquatic life.
H402	Harmful to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

Full list of Emergency response numbers worldwide.

	Country	Phone nr		Country	Phone nr
Europe	All Europe	+44 1235 239670	APAC	All East/South East Asia	+65 3158 1074
	France	+33 1 72 11 00 03		Sri Lanka	+65 3158 1195
	Germany	+49 89 220 61012		Taiwan	+886 2 8793 3212
	Spain	+34 91 114 2520		Japan	+81 3 4578 9341
	Italy	+39 02 3604 2884		Indonesia	007 803 011 0293

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	Turkey	+90 212 375 5231		Thailand	001 800 120 666 751
	Norway	+47 2103 4452		India	+65 3158 1198 000 800 100 7479
	Greece	+30 21 1198 3182		Pakistan	+65 3158 1329
	Portugal	+351 30880 4750		Bangladesh	+65 3158 1200
	Denmark	+45 8988 2286		Philippines	+63 2 231 2149
	Sweden	+46 8 566 42573		Vietnam	+84 28 4458 2388
	Poland	+48 22 307 3690		Korea	+65 3158 1285
	Czech republic	+420 228 882 830		South Korea	+82 2 3479 8401
	Finland	+358 9 7479 0199		Australia	+61 2 8014 4558
Middle East/Africa	All Middle East/Africa	+44 1235 239671		New Zealand	+64 9 929 1483
	Bahrain and Middle East	+973 1619 8321		China	+86 532 8388 9090
	Africa/South Africa	+27 21 300 2732		Mexico	+52 55 5004 8763
NOAM	USA and Canada	+1 866 928 0789	LATAM	Brazil	+55 11 3197 5891
	USA and Canada	+1 215 207 0061		Chile	+56 2 2582 9336
	USA and Canada	+1 202 464 2554		Colombia	+57 1 508 7337
Global	Global	+44 1865 407333		Argentina	+54 11 5984 3690

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