

LAVANDA NEW AOCF 54.530.1584

Revision: (December, 2017)
Issue date: 22/02/2018

According to Regulation (EU) n° 1907/2006
Model review date: March 2014

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

1.1. Product identifier: LAVANDA NEW AOCF 54.530.1584

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

Fragrance compound. Only for industrial use.

Not for personal use at this concentration nor in this format

1.3. Details of the supplier of the safety data sheet:

SENSIENT FRAGRANCES, S.A. Apartado de Correos, 69 — 18080 GRANADA (España)

Ctra. Armilla, Km. 2'5 (18100 ARMILLA - Granada) Tel.: +34-958183003 / Fax: +34-958130414

Email: regulatorsfgrspain@eu.sensient-tech.com

1.4. Emergency telephone number: +34-958809624

2. Hazard identification

2.1. Classification of the substance or mixture

2.1.1. Classification in accordance with Regulation (CE) n° 1272/2008 [CLP]

Eye Irrit. 2

Skin Sens. 1

Aquatic Chronic 2

2.1.2. Additional information:

See Section 16, for the full text of the H-phrases.

2.2. Label elements

Labelling in accordance with Regulation (CE) n° 1272/2008 [CLP]

Hazard pictogram:



Signal word:

Warning

Hazard statement:

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

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Precautionary statement:

P501 Dispose of contents/container to in a residue collection point

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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.

Additional information on risks (UE):

None

Substances which contribute to the classification:

Contains GERANIOL
LINALOOL
COUMARIN
HYDROXYMETHYLPENTYL CYCLOHEXENE CARBALDEHYDE
EUCALYPTOL

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3. Composition/information on ingredients**3.2. Mixtures:**

Contains:	EC N° CAS N° Registration number	Classification (EC) 1272/2008	Conc. %
coumarin	202-086-7 91-64-5 01-2119949300-45-XXXX	Acute Tox. 4;H302 Skin Sens. 1B;H317 Aquatic Chronic 3;H412	7,5 - 10
hydroxymethylpentyl cyclohexene carbaldehyde	250-863-4 31906-04-4	Skin Sens. 1B;H317	5 - 7,5
2,6-Dimethyloct-7-en-2-ol	242-362-4 18479-58-8 01-2119457274-37-0003	Skin Irrit. 2;H315 Eye Irrit. 2;H319	2,5 - 5
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-cyclopenta-(g)-2-benzopyran	214-946-9 1222-05-5 01-2119488227-29-XXXX	Aquatic Chronic 1;H410	2,5 - 5
Geraniol	203-377-1 106-24-1 01-2119552430-49-XXXX	Skin Irrit. 2;H315 Skin Sens. 1;H317 Eye Dam. 1;H318	1 - 2,5
2-tert-Butylcyclohexyl acetate	201-828-7 88-41-5	Aquatic Chronic 2;H411	1 - 2,5
dimethyl benzyl carbonyl acetate	205-781-3 151-05-3	Aquatic Chronic 3;H412	1 - 2,5
1,8-epoxi-para-menthane	207-431-5 470-82-6 17-2119941613-40-XXXX	Flam. Liq. 3;H226 Skin Sens. 1B;H317	1 - 2,5
Linalool	201-134-4 78-70-6 01-2119474016-42-XXXX	Skin Irrit. 2;H315 Skin Sens. 1B;H317 Eye Irrit. 2;H319	1 - 2,5
Alcohols C12-14, ethoxylated	n.a. 68439-50-9	Eye Dam. 1;H318 Aquatic Acute 1;H400 Aquatic Chronic 3;H412	0,1 - 1
amyl salicylate	218-080-2 2050-08-0 01-2119969444-27-0002	Acute Tox. 4;H302 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	0,1 - 1
Geranyl acetate	203-341-5 105-87-3 01-2119973480-35-xxxx	Skin Irrit. 2;H315 Skin Sens. 1;H317 Aquatic Chronic 3;H412	0,1 - 1

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Contains:	EC N° CAS N° Registration number	Classification (EC) 1272/2008	Conc.%
hexyl cinnamic aldehyde	202-983-3 101-86-0 01-2119533092-50-XXXX	Skin Sens. 1B;H317 Aquatic Acute 1;H400 Aquatic Chronic 2;H411	0,1 - 1
Acetyl cedrene	251-020-3 32388-55-9	Skin Sens. 1B;H317 Aquatic Chronic 1;H410	0,1 - 1
piperonal	204-409-7 120-57-0 01-2119983608-21-XXXX	Skin Sens. 1B;H317	0,1 - 1
Butylated hydroxytoluene	204-881-4 128-37-0 01-2119555270-46-XXXX	Aquatic Chronic 1;H410	0,1 - 1

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Contains:	EC N° CAS N° Registration number	Classification (EC) 1272/2008	Conc. %
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See Section 16, for full text of the H-phrases.

Ingredients requiring limited occupational exposure:	Registration number	EC N°	CAS N°	Conc %
None				

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4. First aid measures

4.1. Description of first aid measures:

Oral intake: Rinse the mouth with water. Drink half a liter of milk or water. Do not induce vomiting. Seek medical attention.

Inhalation: In the case of excessive inhalation, take the subject outdoors to breathe fresh air while remaining quiet and in a comfortable position. Seek immediate medical attention.

Skin contact: In case of skin contact, remove contaminated clothing and wash skin with soap and water. If irritation persists or there is tissue damage, seek medical advice immediately.

Eye contact: In case of eye contact clean with abundant water. If irritation persists or there is tissue damage, seek medical advice immediately.

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

None known.

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

In case of accident or if you feel unwell, seek medical advice immediately.

5. Firefighting measures

5.1. Extinguishing media:

Carbon dioxide, dry powder, dry sand, earth or fire blanket.

5.2. Special hazards arising from the substance or mixture:

Do not breathe gas/fumes/vapour, may produce toxic fumes of carbon monoxide if burning.

5.3. Advice for firefighters:

Self-contained breathing apparatus.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

- Keep away from ignition sources.
- Provide sufficient ventilation.
- Collect spilt product and dispose according to local regulations.

6.2. Environmental precautions:

- Do not pour into drains, subterranean or surface water nor on to the ground.

6.3. Methods and material for containment and cleaning up:

- Use dry sand, earth or sawdust to absorb the spilt product. Dispose of according to current regulations.
- All combustible materials, such as cloth, used to clean up the spill must be destroyed immediately by burning.

6.4. Reference to other sections:

See point 13.1.

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7. Handling and storage

7.1. Precautions for safe handling:

- Open and handle container with care.
- Provide good room ventilation.
- Avoid contact with skin, eyes and clothing.
- Keep away from food and beverages.
- Wash hands after handling.
- Keep fire-extinguisher accessible.

7.2. Conditions for safe storage, including any incompatibilities:

- Store in full containers in a cool, dry well-ventilated place.
- Keep away from heat sources.
- Shelf life: 24 months in appropriate storage conditions.
- Avoid successive heating due to possible oxidation and polymerisation without correct storage.
- Containers closed and sealed, protected from sunlight, in a dry and well ventilated area (optimum storage between 10°C y 25°C).

7.3. Specific end use(s):

8. Exposure controls/personal protection

8.1. Control parameters

Exposure limit values (INSHT-2016):

Chemical name	VLA-ED		VLA-EC	
	ppm	mg/m ³	ppm	mg/m ³

8.2. Exposure controls:

Fire and explosion protection:

Keep away from ignition sources. When added during the manufacturing process, temperature should be kept as low as possible.

Keep work areas properly ventilated.

Personal protective equipment:

Respiratory protection: mask (in case of insufficient ventilation).

Eye protection: Safety glasses.

Skin and body protection: Avoid contact using gloves resistant to chemical agents when necessary. Depending on the work, special clothing should be used to avoid odor contamination of personal clothing. Follow the usual rules of hygiene.

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9. Physical and chemical properties

9.1. Information on basic physical and chemical properties:

Appearance: In accordance with standard
Colour: In accordance with standard
Odour: Typical, in accordance with standard
pH: Not relevant
Melting point/freezing point (°C): Not applicable
Initial boiling point/range: Not available
Flash point (closed cup): 98° C
Evaporation rate: Not applicable
Flammability (solid, gas): Not applicable
Explosive limits: Not available
Vapour pressure: Not available
Vapour density: Not available
Density at 20° (g/cm³): Not available
Water solubility: Not available
Partition coefficient: n-octanol/water: Not applicable
Auto-ignition temperature: Not available
Viscosity: Not available
Explosive properties: Not available
Oxidizing properties: Not available

9.2. Other information:

Alcohol solubility (96°): Not available

10. Stability and reactivity

10.1. Reactivity: Does not present significant dangerous reactions.

10.2. Chemical stability: Stable product in proper storage conditions. This product becomes coloured if heated successively.

10.3. Possibility of hazardous reactions: Does not present significant dangerous reactions.

10.4. Conditions to avoid: Avoid contact with oxidizing agents

10.5. Incompatible materials: None known.

10.6. Hazardous decomposition products: None.

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11. Toxicological information**11.1. Information on toxicological effects**

Due to the complexity in carrying out toxicological tests on compositions, this product has not been submitted to evaluation. It is advised that the same precautions taken for any other product that could potentially harm human health are observed.

- (a) **Acute toxicity:** No data available
- (b) **Irritation:** No data available
- (c) **Corrosion:** No data available
- (d) **Sensitisation:** No data available
- (e) **Toxicity - repeated exposure:** No data available
- (f) **Carcinogenicity:** No data available
- (g) **Mutagenicity:** No data available
- (h) **Reproductive toxicity:** No data available

Toxicological information on ingredients:**Acute oral toxicity:**

coumarin	LD50: 293 mg/kg Rat
hydroxymethylpentyl cyclohexene carbaldehyde	LD50: 3250 mg/kg Rat
2,6-Dimethyloct-7-en-2-ol	LD50: 3600 mg/kg Rat
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-cyclopenta-(g)-2-benzopyran	LD50: > 3000 mg/kg Rat
Geraniol	LD50: 3600 mg/kg Rat
2-tert-Butylcyclohexyl acetate	LD50: 4600 mg/kg Rat
dimethyl benzyl carbonyl acetate	LD50: > 3300 mg/kg Rat
1,8-epoxi-para-menthane	LD50: 2480 mg/kg Rat
Linalool	LD50: 2790 mg/kg Rat
amyl salicylate	LD50: 2000 mg/kg Rat

Acute inhalation toxicity:

hexyl cinnamic aldehyde	LC50: > 5,00 mg/l/4h Rat
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Acute dermal toxicity:

hydroxymethylpentyl cyclohexene carbaldehyde	LD50: 11300 mg/kg Rabbit
2,6-Dimethyloct-7-en-2-ol	LD50: > 5000 mg/kg Rabbit
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-cyclopenta-(g)-2-benzopyran	LD50: > 6500 mg/kg Rat
Geraniol	LD50: > 5000 mg/kg Rabbit
2-tert-Butylcyclohexyl acetate	LD50: > 5000 mg/kg Rabbit
dimethyl benzyl carbinyl acetate	LD50: > 3000 mg/kg Rabbit
1,8-epoxi-para-menthane	LD50: > 5000 mg/kg Rabbit
Linalool	LD50: 5000 mg/kg Rabbit

12. Ecological information**12.1. Toxicity**

Due to the complexity in carrying out ecotoxicological tests on compositions, this product has not been submitted to evaluation. It is advised that the same precautions taken for any other product that could potentially harm environment are observed. See points 2 y 15.

Ecotoxicological information on ingredients:

amyl salicylate	M-Factor1
Acetyl cedrene	M-Factor1
Butylated hydroxytoluene	M-Factor1
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-cyclopenta-(g)-2-benzopyran	M-Factor1

12.2. Persistence and degradability: No data available**12.3. Bioaccumulative potential:** No data available**12.4. Mobility in soil:** No data available**12.5. Results of PBT and vPvB assessment:** No data available**12.6. Other adverse effects:** No other adverse effects known.

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13. Disposal considerations**13.1. Waste treatment methods**

Residues and packaging residues will be handled according to local (Environmental Quality Management Law 7/2007), estate (Waste management Law 10/1998) and European (Directive 2008/98/EC on waste management and recycling) regulations.

14. Transport information

	(OMI/IMDG):	(RID/ADR):	(ICAO/IATA):
14.1. UN number:	3082	3082	3082
14.2. UN proper shipping name:	3082 Environmentally hazardous substance,liquid, n.o.s.		
14.3. Transport hazard class:	(1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-cyclopenta-(g)-2-benzopyran)		
Label N°:	9	9	9
14.4. Packing group:	III	III	III

14.5. Environmental hazards: Marine pollutant: Yes

14.6. Special precautions for user: EmS: F-A, S-F

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

Product not shipped in bulk.

15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Water contaminating class (Germany) WGK: 2

15.2. Chemical safety assessment:

No data available

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16. Other information

- Changes with respect to the previous version:
Change in the template layout.
Change in information in compliance to IFRA/IOFI Labelling Manual 2015.
- Legend to abbreviations and acronyms used in the safety data sheet:
INSHT: Instituto Nacional de Seguridad e Higiene en el Trabajo.
IFRA: International Fragrance Association.
IOFI: International Organization of the Flavor Industry.
WGK: Wassergefährdungsklassen
- Literature references and sources for data:
IFRA/IOFI Labelling Manual 2015.
Límites de exposición profesional para agentes químicos en España, 2016.
- The information described in this document reflects the extent of our knowledge on the date it is issued and does not constitute a guarantee of a particular quality. The user must determine the conditions for proper use and abide by them to ensure total safety in the use of this product.
- Buyers are responsible for observing legal instructions according to their country's regulations.
- Training on Health & Safety in relation to the manipulation of chemical products is recommended.
- This product complies with the general IFRA recommendations.
- This material should only be used in fragrances, perfumed products or cosmetics.
- Glossary of Risk Phrases:
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.