

According to Regulation ST/SG/AC. 10/30/UN GHS, Latest revision

Version number: 88513603
Revision: 20.10.2025
Printing date: 20.10.2025

101 Identification of the substance/mixture and of the company/undertaking

- Product identifier
 - Trade name:
VETIVER MAGNIFICENCE - BA SELECT
- Relevant identified uses of the substance or mixture and uses advised against
 - Application of the substance / the preparation
Aromatic ingredient(s). Industrial use only.
 - Uses advised against
not applicable
- Emergency telephone number:
ORFILA (INRS): + 33 (0)1 45 42 59 59 Poison Control and Toxicovigilance Centers ANGERS: 02 41 48 21 21 BORDEAUX: 05 56 96 40 80 LILLE: 0800 59 59 59 LYON: 04 72 11 69 11 MARSEILLE: 04 91 75 25 25 NANCY: 03 83 22 50 50 PARIS: 01 40 05 48 48 STRASBOURG: 03 88 37 37 37, TOULOUSE: 05 61 77 74 47

02 Hazards identification

- Classification of the substance or mixture < | > GHS07

Skin Irrit. 2 - H315 Causes skin irritation.

Skin Sens. 1 - H317 May cause an allergic skin reaction. H227 Combustible liquid. Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects.



Aquatic Acute 2 - H401 Toxic to aquatic life.

- Additional information:
Full text of H statements: see section 16

- Label elements • GHS label elements

Hazard pictograms



GHS07 GHS09

Signal word

Warning - Hazard-determining components of labelling:

reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one / VERTENEX (4-tert-Butylcyclohexyl acetate) / Isolongifolanone (isolongifolene ketone) / Cedryl acetate

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Hazard statements
H227 Combustible liquid.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P302 + P352 IF ON SKIN: Wash with plenty of water.
P403 Store in a well-ventilated place.
P501 Dispose of contents/container in accordance with local/national/international regulations.

103 Composition/information on ingredients

Chemical characterization

Dangerous components:

CAS Number	%
54464-57-2	10,00-20,00

reaction mass of 1-(1,2,3,4,5,6,7,8- octahydro-2,3, 8,8- tetramethyl-2- naphthyl) ethan-1-one and 1-(1,2, 3,4,6,7,8,8a- octahydro-2,3,8,8- tetramethyl-2-naphthyl) ethan-1-one and 1-(1,2,3,5,6,7,8,8a- octahydro -2,3,8,8- tetramethyl-2-naphthyl) ethan-1 -one

EC number: 915-730-3

Skin Irrit. 2 - H315, Skin Sens. 1B -

H317; Aquatic Chronic 1 - H410;

Aquatic Acute 2 - H401

VERTENEX (4-tert-Butylcyclohexyl acetate)

EC number: 250-954-9

5,00-10,00

Skin Sens. 1B - H317; Acute Tox. 5 -

H303, Aquatic Acute 2 - H401

3-(5,5,6-Trimethylbicyclo[2.2.1]hept-2-yl)

cyclohexanol

1,00- 5,00

EC number: 222-294-1

Repr. 2

Serious eye damage/irritation -

Category 2A - H319; Repr. 2 - H361;

Aquatic Chronic 2 - H411; Aquatic

Acute 2 - H401

Isolongifolanone (isolongifolene ketone) 23787-90-8

EC number: 245-890-3

1,00- 5,00

Skin Irrit. 2 - H315, Skin Sens. 1B - H317; Aquatic Chronic 2 - H411;

Aquatic Acute 2 - H401

Cedryl acetate

77-54-3

EC number: 201-036-1

0,10-1,00

Skin Sens. 1B - H317; Aquatic

Acute 1 - H400, Aquatic Chronic 1 - H410

Hexyl salicylate

cocq_7c_o

EC number: 228-408-6

0,10-1,00

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106185-75-5	Skin Sens. 1B - H317; Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410; H316 BACDANOL(2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2- Alternative CAS numbers: 28219-61-6 EC number: 701-122-3 Serious eye damage/irritation - Category 2B - H320; Aquatic Chronic 2 - H411; Aquatic Acute 2 - H401	0,10-1,00
	GALAXOLIDE (1,3,4,6,7,8-Hexahydro-4,6,6,7,8, 8-hexamethylcyclopenta-gamma-2-benzopyran) EC number: 214- 946-9 Aquatic Acute 1 - H400, Aquatic Chronic 1 -H410; H316 2-Hexyl-(E)-cinnamaldehyde Alternative CAS numbers: 101-86-0 EC number: 639-566-4	
1222-05-5	Skin Sens. 1B - H317; Aquatic Acute 1 - H400, Aquatic Chronic 2 - H411; Acute Tox. 5 - H303, H316 musk ketone EC number: 201-328-9 Care. 2 Care. 2 - H351; Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410 trans-Isoeugenol EC number: 227-678-2 Acute Tox. 4 - H302, Acute Tox. 4 - H312, Acute Tox. 4 - H332, Skin Irrit. 2 - H315, Serious eye damage/irritation - Category 2A- H319,	0,10-1,00
165184-98-5	Skin Sens. 1A- H317, STOT SE 3 - H335; Aquatic Acute 2 - H401 1-(2,2,6-Trimethylcyclohexyl)-3-hexanol EC number: 947-716-8 Skin Sens. 1B - H317; Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410 dl-Citronellol EC number: 203-375-0 Skin Irrit. 2 - H315, Serious eye damage/irritation - Category 2A- H319, Skin Sens. 1B - H317; Acute Tox. 5- H303, Acute Tox. 5 - H313, Aquatic Acute 2 - H401	0,10-1,00
81-14-1	Geranyl acetate EC number: 203-341-5 Skin Irrit 2 - H315, Skin Sens. 1B - H317; Aquatic Acute 2 - H401, Aquatic Chronic 3 - H412	0,10-1,00
5932-68-3		
70788-30-6		
106-22-9		
105-87-3		

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128-37-0

Butylated hydroxytoluene
EC number: 204-881-4

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0,10-1,00

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112-44-7	Aquatic Acute 1 - H400, Aquatic	
	Chronic 1 - H410	
	Undecanal	0,10-1,00
107898-54-4	EC number: 203-972-6	
	Skin Irrit. 2 - H315; Aquatic	
	Acute 1 - H400, Aquatic Chronic 2 - H411	0,10-1,00
115-95-7	(+/-)trans -3,3-dimethyl-5-(2,2,3-trimethyl- cyclopent-3-en-1 -yl)- pent-4-en-2-ol	
	EC number: 411 -580-3	
	Skin Irrit. 2 - H315; Aquatic	
87-44-5	Acute 1 - H400, Aquatic Chronic 1 - H410	
	Linalyl acetate	0,10-1,00
	EC number: 204-116-4	
78-70-6	Skin Irrit 2 - H315, Skin Sens. 1B - H317; H227, Serious eye damage/irritation - Category 2B - H320, Aquatic Acute 3 - H402	
	beta-Caryophyllene	0,10-1,00
	EC number: 201-746-1	
15764-04-2	Asp. Tox. 1 - H304; Skin Sens. 1B-H317	
	3,7-Dimethylocta-1,6-dien-3-ol	0,10-1,00
	EC number: 201-134-4	
5989-27-5	Skin Irrit. 2 - H315, Serious eye damage/irritation - Category 2A- H319, Skin Sens. 1B - H317; H227, Acute Tox. 5 - H303, Aquatic Acute 3 - H402	
	Vetyverone	0,10-1,00
	EC number: 239-855-1	
122-03-2	Skin Sens. 1B-H317	0,10-1,00
	d-limonene ((R)-p-mentha-1,8-diene)	
	EC number: 227-813-5	
91-64-5	Asp. Tox. 1 - H304; Flam. Liq. 3 -H226; SkinIrrit. 2-H315, Skin Sens. 1B - H317; Aquatic Acute 1 - H400; Aquatic Chronic 3 - H412	
	Cuminaldehyde	0,10-1,00
	EC number: 204-516-9	
	Repr. 2	
	Acute Tox. 4 - H302; Repr. 2 - H361; Acute Tox. 5 - H313, Aquatic Acute 2 - H401	
	2H-Chromen-2-one	0,001-0,10
	EC number: 202-086-7	
	Acute Tox. 4 - H302, Skin Sens. 1B - H317; Aquatic Acute 3 - H402, Aquatic Chronic 3 - H412	

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33704-61-9

1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one
EC number: 251 -649-3
Skin Irrit. 2 - H315, Serious eye

0,001-0.10

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18444-79-6	damage/irritation - Category 2A- H319, Skin Sens. 1B - H317; Acute Tox. 5-H303; Aquatic Chronic 2 - H411; Aquatic Acute 2 - H401
11028-42-5	Beta vetivone Skin Sens. 1B-H317 Cedrene EC number: 234-257-7 Asp. Tox. 1 - H304; Skin Irrit. 2 - H315; Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410
	0,001-0,10
	0,001-0,10

04 First aid measures

- Description of first aid measures
 - General information:
Seek immediate medical advice.
 - After inhalation:
Supply fresh air; consult doctor in case of complaints.
 - After skin contact:
Immediately wash with water and soap and rinse thoroughly.
 - After eye contact:
Rinse opened eye for several minutes under running water.
 - After swallowing:
If symptoms persist consult doctor.
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed No further relevant information available.

105 Fire fighting measures

- Extinguishing media
 - Suitable extinguishing agents:
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
 - For safety reasons unsuitable extinguishing agents:
Non applicable
- Special hazards arising from the substance or mixture
No further relevant information available.
- Advice for firefighters
No specific advice

06 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
 - For non-emergency personnel
Wear protective equipment. Keep unprotected persons away.
 - For emergency responders
Wear protective equipment. Keep unprotected persons away.
- Environmental precautions:
Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13.

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adequate ventilation.

- 4 Reference to other sections
See Section 13 for disposal information.

C17 Handling and storage

1. Precautions for safe handling
Avoid contact with skin and eyes. Wear appropriate protective equipments (gloves, glasses ...)
Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.
2. Conditions for safe storage, including any incompatibilities
Requirements to be met by storerooms and receptacles:
Avoid exposure to extreme temperatures. Avoid prolonged contact with certain plastic materials (PVC...)
Further information about storage conditions:
Protect from heat and direct sunlight.
3. Specific end use(s)
No further relevant information available.

108 Exposure controls/personal protection

1. Control parameters
Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Ingredients with biological limit values:
No further relevant information available.
2. Exposure controls
Personal protective equipment:
General protective and hygienic measures:
Avoid contact with the eyes and skin.
Respiratory protection:
Use suitable respiratory protective device in case of insufficient ventilation.
Protection of hands:
Only use chemical-protective gloves with CE-labelling of category III.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. Penetration time of glove material:
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection:
Safety glasses
Body protection:
Protective work clothing
Limitation and supervision of exposure into the environment
No further relevant information available.

109 Physical and chemical properties

General information	
Physical state	Fluid
Appearance:	
Form:	Fluid
Odour:	Characteristic
pH-value:	Not determined.
Change in condition	
Melting point/freezing point:	Undetermined.

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SAFETY DATA SHEET

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Initial boiling point and boiling range:	> 35 °C
Flash point:	>= 61 °C
Flammability (solid, gas):	Not applicable.
Ignition temperature: Decomposition temperature:	Undetermined. Not determined.
Auto-ignition temperature:	Not determined.
Explosive properties:	Not determined.
Explosion limits: Lower: Upper:	Not determined. Not determined.
Vapour pressure:	Not determined.

Density: Relative density Vapour density Not determined.
Evaporation rate 0,9780- 1,0080 (20°C)
Not determined.
Not determined.

Solubility in 1 Miscibility with water:	Not determined.
Partition coefficient: n-octanol/water:	Not determined.
Viscosity: Dynamic: Kinematic:	Not determined. Not determined.
Particle characteristics	Not determined.
Other information Additional information	No further relevant information available. Not applicable.
Surface tension:	Not determined.

10 Stability and reactivity

1. Reactivity
No further relevant information available.
2. Chemical stability
Good stability at conditions of use mentioned in point 7 and 10
3. Possibility of hazardous reactions Reacts with strong oxidising agents.
- 4 Conditions to avoid
Avoid temperatures near the flash point (see Section 9). Avoid contact with oxidizing agents.
5. Incompatible materials:
No further relevant information available.
- 6 Hazardous decomposition products:
No dangerous decomposition products known.

11 Toxicological information

1. Information on toxicological effects
 - Acute toxicity
Based on available data, the classification criteria are not met.
- LD/LC50 values relevant for classification:
VETIVER MAGNIFICENCE - BA SELECT
Oral, LD50 ETA UN: 33700,67 mg/kg

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- Skin corrosion / irritation Causes skin irritation.
- Serious eye damage / irritation
Based on available data, the classification criteria are not met.
- Respiratory / skin sensitization May cause an allergic skin reaction.
- Germ cell mutagenicity
Based on available data, the classification criteria are not met.
- Carcinogenicity
Based on available data, the classification criteria are not met.
- Reproductive toxicity
Based on available data, the classification criteria are not met.
- STOT single exposure
Based on available data, the classification criteria are not met.
- STOT repeated exposure
Based on available data, the classification criteria are not met.
- Aspiration hazard
Based on available data, the classification criteria are not met.
- Other information
No further relevant information available.

12 Ecological information

1. Toxicity
 - Aquatic toxicity:
Toxic to aquatic life.
2. Persistence and degradability
Toxic to aquatic life with long lasting effects.
 - Behaviour in environmental systems:
3. Bioaccumulative potential
Not available
4. Mobility in soil
Not available
5. Other adverse effects
No further relevant information available.

13 Disposal considerations

1. Waste treatment methods
 - Recommendation
Must be specially treated adhering to official regulations.
- Uncleaned packaging:
 - Recommendation:
Disposal must be made according to official regulations.

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14 TransDort information

1. UN-Number.ADR
UN3082
IMDG
UN3082
IATA
UN3082

2. UN proper shipping name
ADR 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PERFUMERY PRODUCTS)
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PERFUMERY PRODUCTS)
IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PERFUMERY PRODUCTS)

3. Transport hazard class(es)
ADR
.IMDG
.Class
.Label

9 (M6) Miscellaneous dangerous substances and articles.

9

.IMDG . Class . Label



9 Miscellaneous dangerous substances and articles.

9

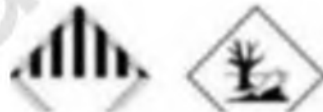
.IATA
Class
.Label



9 Miscellaneous dangerous substances and articles.

9

4 Packing group



ADR III
.IMDG III
.IATA HI

4. Environmental hazards:
. Marine pollutant: Yes

5. Special precautions for user
Warning: Miscellaneous dangerous substances and articles. . Danger code (Kemler): 90
. EMS Number: F-A-S-F

6. Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.

Transport/Additional information: *(continued on page 10)*

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. Excepted quantities (EQ):	E1
. Limited quantities (LQ)	5L
. Transport category	3
. IMDG	
. Limited quantities (LQ)	5L
. Excepted quantities (EQ)	E1

UN "Model Regulation":

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PERFUMERY PRODUCTS), 9, III

15 Regulatory information

- National regulations:
- Water hazard class:
Water hazard class 2 (Self-assessment): hazardous for water.
- PFAS
None of the ingredients is listed.
- 2. Chemical safety assessment:
A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

1. Relevant phrases

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.
H312	Harmful 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.
H320	Causes eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H400	Very toxic to aquatic life.
H401	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.
H412	Harmful to aquatic life with long lasting effects.
2. Department issuing MSDS'
Legislation / Regulatory Affairs Department
3. Abbreviations and acronyms:
ADR Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organisation
ICAO-R: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
CAS: Chemical Abstracts Service (division of the American Chemical Society) (continued on page 11)
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Lethal concentration, 50 percent LD50: Lethal dose, 50 percent
SVHC: Substances of Very High Concern

1	4.	Sources
		RIFM Database Suppliers information REACH registration dossier IFRA/OFI Labelling Manual
* Data compared to the previous version altered.		