

Safety Data Sheet
according to 29 CFR 1910.1200

1714904

Reviewed on: 12.09.2025
Printing date: 12.09.2025

01 Identification

1.1 Product identifier

- Trade name:
OSMANTHUS ABSOLUTE
- Article number:
P00547745000
- CAS Number:
68917-05-5
- EC Number:
296-209-1

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

- Application of the substance / the preparation
Perfume ingredient
Only for industrial use

1.3 Details of the supplier of the safety data sheet

- Manufacturer/Supplier:
BIOLANDES, BP2 TEL: +33(0)5.58.51.00.00
2760 Route de Bélis email: fds@biolandes.com
40420 LE SEN
FRANCE

- 1.4 Emergency telephone number:
FR-ORFILA (INRS):+33(0)1 45 42 59 59

02 Hazard(s) identification

2.1 Classification of the substance or mixture



GHS07

- * Eye irritation 2A - H319 Causes serious eye irritation.
- * Sensitization - skin 1 - H317 May cause an allergic skin reaction.
- * Flammable liquids 4 - H227 Combustible liquid.
- * Aquatic Acute 3 - H402 Harmful to aquatic life.
- Aquatic Chronic 3 - H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

- GHS label elements
- Hazard pictograms



GHS07

- Signal word
Warning
- Hazard statements
H227 Combustible liquid.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.
- Precautionary statements
P210 Keep away from flames and hot surfaces. No smoking.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P264 Wash thoroughly after handling.
P302+P352 If on skin: Wash with plenty of water.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.
- * • Hazards not otherwise classified
- * There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

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03 Composition/information on ingredients

3.1 Chemical characterization: Substances

CAS No.	Description
68917-05-5	Osmanthus fragrans Lour.
<ul style="list-style-type: none"> • Identification number(s) • EC Number: 296-209-1 	

• Dangerous components:

CAS Number		%
14901-07-6	ionone-beta EC Number: 238-969-9	10,001-20,00
17283-81-7	Dihydro-beta-ionone + EC Number: 241-318-1	5,001-10,00
* 1365-19-1	linalool oxide EC Number: 215-723-9	1,001- 5,000
* 78-70-6	LINALOOL EC Number: 201-134-4	1,001- 5,000
* 106-24-1	GERANIOL EC Number: 203-377-1	0,101-1,000

04 First-aid measures

- General information:
Seek immediate medical advice.
- After inhalation:
Supply fresh air and to be sure call for a doctor.
- After skin contact:
If skin irritation continues, consult a doctor.
Immediately wash with water and soap and rinse thoroughly.
Immediately rinse with water.
- After eye contact:
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing:
Seek immediate medical advice.

05 Fire-fighting measures

- Suitable extinguishing agents:
CO2, sand, extinguishing powder. Do not use water.
Use fire fighting measures that suit the environment.
 - For safety reasons unsuitable extinguishing agents:
Water with full jet
- 5.2 Special hazards arising from the substance or mixture
Formation of toxic gases is possible during heating or in case of fire.
- Protective equipment:
Do not inhale explosion gases or combustion gases.
 - Additional information
Cool endangered receptacles with water spray.

06 Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Keep away from ignition sources
- 6.3 Methods and material for containment and cleaning up:
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

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- 6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

07 Handling and storage

- Handling:
 - 7.1 Precautions for safe handling
 - Keep receptacles tightly sealed.
 - Keep away from heat and direct sunlight.
 - Ensure good ventilation/exhaustion at the workplace.
 - Prevent formation of aerosols.
 - Handle with care. Avoid jolting, friction and impact.
 - Information about protection against explosions and fires:
 - Keep ignition sources away - Do not smoke.
 - Protect against electrostatic charges.
- Storage:
 - Requirements to be met by storerooms and receptacles:
 - Store only in the original receptacle.
 - Prevent any seepage into the ground.
 - Use only receptacles specifically permitted for this substance/ product.
 - Further information about storage conditions:
 - Keep receptacle tightly sealed.
 - Protect from heat and direct sunlight.
 - Store receptacle in a well ventilated area.
- 7.3 Specific end use(s)
 - No further relevant information available.

08 Exposure controls/personal protection

- Components with limit values that require monitoring at the workplace:
 - Not required.
- CAS No. Designation of material % Type Value Unit
 - Not required.
- Additional information:
 - The lists that were valid during the creation were used as basis.
- Personal protective equipment:
 - General protective and hygienic measures:
 - The usual precautionary measures for handling chemicals should be followed.
 - Immediately remove all soiled and contaminated clothing.
 - Wash hands before breaks and at the end of work.
 - Do not inhale gases / fumes / aerosols.
 - Do not inhale dust / smoke / mist.
 - Avoid contact with the skin.
 - Breathing equipment:
 - Use suitable respiratory protective device in case of insufficient ventilation.
 - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
 - Protection of hands:
 - Protective gloves
 - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
 - Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
 - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
 - Material of gloves
 - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
 - 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

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09 Physical and chemical properties

General Information	
Appearance:	
Form:	viscous
Color:	green, orange
Physical state	Liquid
Odor:	fruit-like
Odor threshold:	Not determined.
Change in condition	
Boiling point/Boiling range:	Undetermined.
Flash point:	72,0 °C NFT 60-103 CC
Flammability (solid, gaseous):	Undetermined.
Auto igniting:	Not determined.
Danger of explosion:	Undetermined.
Vapor pressure:	Not determined.
Density:	Not determined.
Relative density	0,9270 0,9800 (D25/25)
Solubility in / Miscibility with	
Water:	Not determined.
Partition coefficient (n-octanol/water):	Not determined.
Other information	No further relevant information available.
Particle characteristics	not applicable

10 Stability and reactivity

- Thermal decomposition / conditions to be avoided:
Undetermined.
- Incompatible materials:
No further relevant information available.
- Hazardous decomposition products:
Undetermined.

11 Toxicological information

- Acute toxicity:
- LD/LC50 values that are relevant for classification:

ISO LD/LC

14901-07-6 ionone-beta

Oral, LD50: 4590 mg/kg (rat)

78-70-6 LINALOOL

Oral, LD50: 2790 mg/kg (rat)
Dermal, LD50: 5610 mg/kg (Rabbit)

- Primary irritant effect:
- on the skin:
No irritant effect.
- on the eye:
Causes serious eye irritation.
- Sensitization:
Sensitization possible through skin contact.
- Subacute to chronic toxicity:

78-70-6 LINALOOL

Oral, NOAEL: 200 mg/kg (rat) (maternal toxicity, Politano and al., 2008)

- Additional toxicological information:

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- . DOT
- * . **Class** Not classified
- . **ADR**
- * . **Class** Not classified
- . **IMDG**
- * . **Class** Not classified
- . **IATA**
- * . **Class** Not classified
- Packing group
- * . **DOT** Not classified
- * . **ADR** Not classified
- * . **IMDG** Not classified
- * . **IATA** Not classified

- Environmental hazards:
Not applicable.
- Special precautions for user
Not applicable.
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
Non-mandatory
- Hazardous Air Pollutants
- * None of the ingredients is listed.
- * • PFAS
- * None of the ingredients is listed.

16 Other information

The information in this safety data sheet is based on the state of our knowledge at the date indicated. The information in this sheet must be regarded as a description of the safety requirements for the product, they are not to be considered a warranty or quality specification and have no contractual value on properties and application areas thereof.

The information contained in this safety data sheet relate to the specific material designated and may not be valid with respect to the product associated with another product or process, unless it is specified in the text of this document. The required information complies with US regulations in force. It does not exempt the user from knowing and applying all the national regulations in force.

- Relevant phrases
 - H227 Combustible liquid.
 - 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.
 - H401 Toxic to aquatic life.
 - H402 Harmful to aquatic life.
 - H411 Toxic to aquatic life with long lasting effects.
- Training hints
Minimum training in occupational risk prevention is recommended for personnel who will handle this product, in the purpose of facilitating the understanding and interpretation of this form of safety data in the same way as the labeling of the product.
- Date of preparation / last revision
09.12.2025
- Abbreviations and acronyms:
IFRA:International Fragrance Association IOFI:International Organization of the Flavor Industry

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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
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 ICAO: International Civil Aviation Organisation
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent

- Sources
IFRA/IOFI Labelling Manual, REACH registration dossier, supplier information
- * Data compared to the previous version altered.