BIOLANDES

CHEMICAL SAFETY DATA SHEET

According to 91/155 EEC

3167200

Reviewed on: 09.12.2025
Printing date: 09.12.2025

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

Product identifier

- Trade name:
  HAY ABSOLUTE
- Article number:
  P00548513000
- CAS Number:
  8031-00-3
- EC Number:
  309-340-7
- No CAS EINECS:
  100209-32-3

Relevant identified uses of the substance or mixture and uses advised against
Application of the substance / the preparation
Perfume ingredient
Only for industrial use

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

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

02 Hazards identification

Classification of the substance or mixture



GHS07

Skin Sens. 1 - H317 May cause an allergic skin reaction.
Acute Tox. 5 - H303 May be harmful if swallowed.

Label elements
- GHS label elements
- Hazard pictograms



GHS07
- Signal word
  Warning
- Hazard statements
  H303 May be harmful if swallowed.
  H317 May cause an allergic skin reaction.
- Precautionary statements
  P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
  P272 Contaminated work clothing should not be allowed out of the workplace.
  P280 Wear protective gloves.
  P302+P352 IF ON SKIN: Wash with plenty of water.
  P312 Call a POISON CENTER/doctor if you feel unwell.
  P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.

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03 Composition/information on ingredients

Chemical characterization: Substances

CAS No.	Description
8031-00-3	Hay absolute

- Identification number(s)
- EC number:
  309-340-7

- Dangerous components:

CAS Number		%
499-75-2	**carvacrol** EC number: 207-889-6 Skin Corr. 1B - H314, Eye Dam. 1 - H318; Acute Tox. 4 - H302, Skin Sens. 1B - H317; Aquatic Acute 3 - H402	**1,001- 5,000**

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 Firefighting measures

- Suitable extinguishing agents:
  CO2, sand, extinguishing powder. Do not use water.
  Use fire extinguishing methods suitable to surrounding conditions.
- For safety reasons unsuitable extinguishing agents:
  Water with full jet

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

Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Keep away from ignition sources.

Environmental precautions:
Do not allow product to reach sewage system or any water course.

Methods and material for containment and cleaning up:
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

Reference to other sections
See Section 7 for information on safe handling.

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See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

07 Handling and storage

- Handling:

Precautions for safe handling
Keep receptacles tightly sealed.
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.
Handle with care. Avoid jolting, friction and impact.

- Information about fire - and explosion protection:
  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.
  Use only receptacles specifically permitted for this substance/ product.
- Further information about storage conditions:
  Keep container tightly sealed.
  Protect from heat and direct sunlight.
  Store receptacle in a well ventilated area.

Specific end use(s)
No further relevant information available.

08 Exposure controls/personal protection

- Ingredients 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 valid during the making were used as basis.
- Personal protective equipment:
- General protective and hygienic measures:
  The usual precautionary measures are to be adhered to when handling chemicals.
  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.
- Respiratory protection:
  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 self-contained respiratory protective device.
- 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:	pasty
Colour:	brown to green-brown
Physical state	Solid
Odour:	herbal
Odour threshold:	Not determined.
Change in condition	
Initial boiling point and boiling range:	Not determined.
Flash point:	> 100,0 °C NFT 60-103 CC
Flammability (solid, gas):	Not determined.
Auto-ignition temperature:	Not determined.
Explosive properties:	Not determined.
Vapour pressure:	Not applicable.
Density:	Not determined.
Solubility in / Miscibility with water:	Not determined.
Partition coefficient: n-octanol/water:	Not determined.
Other information	No further relevant information available.

10 Stability and reactivity

Thermal decomposition / conditions to be avoided:
Not determined.

Incompatible materials:
No further relevant information available.

Hazardous decomposition products:
Not determined.

11 Toxicological information

- Acute toxicity
  May be harmful if swallowed.
- LD/LC50 values relevant for classification:

ISO LD/LC

499-75-2 carvacrol
Oral, LD50: 810 mg/kg (rat)

- Primary irritant effect:
- Skin corrosion/irritation
  No irritant effect.
- Serious eye damage/irritation
  No irritating effect.
- Respiratory or skin sensitisation
  Sensitization possible through skin contact.
- Subacute to chronic toxicity:
  Not determined.
- Germ cell mutagenicity
  Not determined.
- Carcinogenicity
  Not determined.
- Reproductive toxicity
  Not determined.
- STOT-single exposure
  Not determined.
- STOT-repeated exposure

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Not determined.
- Aspiration hazard
  Not determined.

12 Ecological information

- Aquatic toxicity:
  No further relevant information available.

Persistence and degradability
No further relevant information available.
- Behaviour in environmental systems:
  Not determined.

Bioaccumulative potential
No further relevant information available.
- Ecotoxical effects:
  Not determined.

13 Disposal considerations

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

14 Transport information

UN-Number

. **ADR**	Not classified
. **IMDG**	Not classified
. **IATA**	Not classified

UN proper shipping name

. **ADR**	Not classified
. **IMDG**	Not classified
. **IATA**	Not classified

Transport hazard class(es)

. **ADR**	
. **Class**	Not classified
. **IMDG**	
. **Class**	Not classified
. **IATA**	
. **Class**	Not classified

Packing group

. **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.

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15 Regulatory information

- 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 EU regulations in force. It does not exempt the user from knowing and applying all the national regulations in force.

- Relevant phrases

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H402	Harmful to aquatic life.

- 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.

- Abbreviations and acronyms:
  IFRA:International Fragrance Association IOFI:International Organization of the Flavor Industry
  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.