

Safety Data Sheet  
according to 29 CFR 1910.1200

1686201

 Reviewed on: 22/05/17  
 Printing date: 22/05/2017

## 01 Identification

### 1.1 Product identifier

- Trade name:  
HYDROCARBORESINE
- Article number:  
F1506
- CAS Number:  
8016-26-0
- EINECS Number:  
289-711-7

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

- Application of the substance / the preparation  
Perfume ingredient

### 1.3 Details of the supplier of the safety data sheet

- Manufacturer/Supplier:  
 BIOLANDES                      TEL: +33(0)5.58.51.00.00  
 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



GHS08

Asp. Tox. 1 - H304 May be fatal if swallowed and enters airways.



GHS07

 Skin Irrit. 2 - H315 Causes skin irritation.  
 Skin Sens. 1 - H317 May cause an allergic skin reaction.

 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



GHS08    GHS07

- Signal word  
Danger

- Hazard statements

 H304 May be fatal if swallowed and enters airways.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H412 Harmful to aquatic life with long lasting effects.

- Precautionary statements

 P261 Avoid breathing dust/fume/gas/mist/vapors/spray  
 P264 Wash thoroughly after handling.  
 P272 Contaminated work clothing must not be allowed out of the workplace.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
 P405 Store locked up.  
 P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.

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**PRODUCT : HYDROCARBORESINE**

(Contd. of page 1)

### 03 Composition/information on ingredients

3.1 Chemical characterization: Substances

<b>CAS No.</b>	<b>Description</b>
8016-26-0	Cistus ladaniferus extr.

- Identification number(s)
- EINECS Number:  
289-711-7

- Dangerous components:

<b>CAS Number</b>	<b>Description</b>	<b>%</b>
<b>80-56-8</b>	<i>pin-2(3)-ene (alpha pinene)</i>	<b>5,01- 10,00</b>
*	<b>EINECS Number: 201-291-9</b>	
<b>97-53-0</b>	<i>eugenol natural</i>	<b>0,10-1,00</b>
*	<b>EINECS Number: 202-589-1</b>	
	<i>p-mentha-1,4(8)-diene (terpinolene)</i>	<b>0,10-1,00</b>
*	<b>586-62-9</b>	
	<b>EINECS Number: 209-578-0</b>	
<b>79-92-5</b>	<i>camphene</i>	<b>0,10-1,00</b>
*	<b>EINECS Number: 201-234-8</b>	

### 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.
- 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:  
CO<sub>2</sub>, 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  
\* No further relevant information available.
- 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.  
Keep away from ignition sources
- \* 6.3 Methods and material for containment and cleaning up:  
\* Dispose contaminated material as waste according to item 13.
- \* 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.

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(Contd. on page 3)

Safety Data Sheet  
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**PRODUCT : HYDROCARBORESINE**

(Contd. of page 2)

### 07 Handling and storage

- Handling:
  - 7.1 Precautions for safe handling
    - Store in cool, dry place in tightly closed receptacles.
    - Keep away from heat and direct sunlight.
    - Ensure good ventilation/exhaustion at the workplace.
  - \* 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 in a cool location.
    - Prevent any seepage into the ground.
  - Further information about storage conditions:
    - Store in cool, dry conditions in well sealed receptacles.
    - 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:
  - \* Keep away from foodstuffs, beverages and feed.
  - Avoid contact with the skin.
- Breathing equipment: Use suitable respiratory protective device in case of insufficient ventilation.
- 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

### 09 Physical and chemical properties

**General Information**
**Appearance:**

**Form:** liquid to semi-crystallized  
**Color:** amber to brown  
**Odor:** amber  
**Odour threshold:** Not determined.

**Change in condition**

<b>Boiling point/Boiling range:</b>	Undetermined.
<b>Flash point:</b>	> 100 °C    NFT 60-103 CC
<b>Flammability (solid, gaseous):</b>	Undetermined.
<b>Auto igniting:</b>	Undetermined.
<b>Danger of explosion:</b>	Undetermined.
<b>Vapor pressure:</b>	Not determined.

(Contd. on page 4)

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(Contd. of page 3)

<b>Density:</b>	Not determined.
<b>Solubility in / Miscibility with Water:</b>	Not determined.
<b>Partition coefficient (n-octanol/water):</b>	Not determined.
* <b>Other information</b>	No further relevant information available.

### 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:
- |  | <i>ISO LD/LC</i> |
|--|------------------|
| <b>97-53-0 eugenol natural</b><br>Oral, LD50: 1930 mg/kg (rat)                               |                  |
| <b>79-92-5 camphene</b><br>Oral, LD50: 5000 mg/kg (rat)<br>Dermal, LD50: 2500 mg/kg (Rabbit) |                  |
- Primary irritant effect:
    - on the skin:  
Irritant to skin and mucous membranes.
    - on the eye:  
No irritating effect.
  - Sensitization:  
Sensitization possible through skin contact.
  - Subacute to chronic toxicity:  
Undetermined.
  - Additional toxicological information:
    - Carcinogenic categories
    - IARC (International Agency for Research on Cancer)  
Substance is not listed.
    - NTP (National Toxicology Program)  
Substance is not listed.

### 12 Ecological information

- Aquatic toxicity:  
No further relevant information available.
- Persistence and degradability  
Not determined.
- Behavior in environmental systems:  
Not determined.
- Bioaccumulative potential  
No further relevant information available.
- Ecotoxicological effects:  
Not determined.
- Additional ecological information:
- General notes:  
Do not allow product to reach ground water, water course or sewage system.  
Harmful to aquatic organisms  
Danger to drinking water if even extremely small quantities leak into the ground.

(Contd. on page 5)

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The material is harmful to the environment. (Contd. of page 4)

**13 Disposal considerations**

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

**14 Transport information**

- UN-Number  
**DOT** Void  
**ADR** Void  
**IMDG** Void  
**IATA** Void
- UN proper shipping name  
**DOT** Void  
**ADR** Void  
**IMDG** Void  
**IATA** Void
- Transport hazard class(es)  
**DOT**  
**Class** Void  
**ADR**  
**Class** Void  
**IMDG**  
**Class** Void  
**IATA**  
**Class** Void
- Packing group  
**DOT** Void  
**ADR** Void  
**IMDG** Void  
**IATA** Void

- 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.
- Transport/Additional information:  
Not applicable.

**15 Regulatory information**

- \* • Safety, health and environmental regulations/legislation specific for the substance or mixture  
Non-mandatory

USA

(Contd. on page 6)

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**PRODUCT : HYDROCARBORESINE**
*(Contd. of page 5)*
**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
  - \* H226 Flammable liquid and vapor.
  - \* H227 Combustible liquid.
  - \* H228 Flammable solid.
  - H304 May be fatal if swallowed and enters airways.
  - H315 Causes skin irritation.
  - H317 May cause an allergic skin reaction.
  - H319 Causes serious eye irritation.
  - \* H320 Causes eye irritation.
  - \* H400 Very toxic to aquatic life.
  - \* H401 Toxic to aquatic life.
  - \* H410 Very 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
  - \* 22 . 05 . 2017
  
- 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.