BIOLANDES

CHEMICAL SAFETY DATA SHEET

according to 1907/2006/EC Article 31, as amended by N° 453/2010

1644802

Reviewed on: 27/04/18
Printing date: 05/08/2019

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

1.1 Product identifier

- Trade name:
  OLIBANUM RESINOID 50%/DPG
- Article number:
  E1705

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

SECTION 02: Hazards identification

2.1 Classification of the substance or mixture
* • Classification according to Regulation (EC) No 1272/2008
* Void

2.2 Label elements
• Labelling according to Regulation (EC) No 1272/2008
* - Hazard pictograms
* Void
- Signal word
* Void

• Hazard-determining components of labelling:
(R)-p-mentha-1,8-diene
* - Hazard statements
* Void

2.3 Other hazards
• Results of PBT and vPvB assessment
- PBT:
Not applicable.
- vPvB:
Not applicable.

SECTION 03: Composition/information on ingredients

3.2 Chemical characterization: Mixtures
• Description:
Mixture

• Dangerous components:

*	**CAS Number**		**%**
*	**80-56-8**	**pin-2(3)-ene**	**5,001-10,00**
*		EC number: 201-291-9	
		Asp. Tox. 1 - H304; Flam. Liq. 3	
*		- H226; Acute Tox. 4 - H302, Skin	
*		Irrit. 2 - H315, Skin Sens. 1B - H317	
*	**5989-27-5**	**d-limonene**	**0,101-1,00**
*		Asp. Tox. 1 - H304; Flam. Liq. 3	

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* - H226; Skin Irrit. 2 - H315, Skin
* Sens. 1B - H317; Aquatic Chronic 2 -
* H411

SECTION 04: First aid measures

4.1 Description of 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.
- After eye contact:
  Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing:
  Seek immediate medical advice.
- Information for doctor:

4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

SECTION 05: Firefighting measures

5.1 Extinguishing media
- 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

5.2 Special hazards arising from the substance or mixture
No further relevant information available.

5.3 Advice for firefighters
- Protective equipment:
  Do not inhale explosion gases or combustion gases.
- Additional information
  Cool endangered receptacles with water spray.

SECTION 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.

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

* 6.3 Methods and material for containment and cleaning up:
* Dispose of the material collected according to regulations.

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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SECTION 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 fire - and explosion protection:
  Keep ignition sources away - Do not smoke.
  Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities
- Storage:
* - Requirements to be met by storerooms and receptacles:
  Store in a cool location.
- 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.

SECTION 08: Exposure controls/personal protection

8.1 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.

CAS No.	Designation of material	%	Type	Value Unit

  The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information:
  The lists valid during the making were used as basis.

8.2 Exposure controls
- Personal protective equipment:
* - General protective and hygienic measures:
* The usual precautionary measures are to be adhered to when handling chemicals.
- Respiratory protection: 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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- 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

SECTION 09: Physical and chemical properties

9.1 Information on basic physical and chemical properties	
General Information	
Appearance:	
Form:	viscous sometimes cloudy liqu.
Colour:	brown-yellow
Odour:	olibanum

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Odour threshold:	Not determined.
Change in condition	
Initial boiling point and boiling range:	Not determined.
Flash point:	> 100 °C NFT 60-103 CC
Flammability (solid, gas):	Not determined.
* **Auto-ignition temperature:**	Not determined.
Explosive properties:	Not determined.
Vapour pressure:	Not determined.
Density:	Not determined.
Solubility in / Miscibility with	
water:	Not determined.
Partition coefficient: n-octanol/water:	Not determined.
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity
* No further relevant information available.

10.2 Chemical stability
Thermal decomposition / conditions to be avoided:
Not determined.

10.3 Possibility of hazardous reactions
No dangerous reactions known.

10.4 Conditions to avoid
No further relevant information available.

10.5 Incompatible materials:
No further relevant information available.

10.6 Hazardous decomposition products:
Not determined.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
- Acute toxicity:
- LD/LC50 values relevant for classification:

ISO LD/LC

5989-27-5 (R)-p-mentha-1,8-diene
Oral, LD50: 4400 mg/kg (rat)

- Primary irritant effect:
* - on the skin:
* No irritant effect.
- on the eye:
No irritating effect.
* - Sensitization:
* No sensitizing effects known.
* - Subacute to chronic toxicity:
* Not determined.
* - Additional toxicological information:
* The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

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SECTION 12: Ecological information

12.1 Toxicity
- Aquatic toxicity:

5989-27-5 (R)-p-mentha-1,8-diene

* LD50: 0,71 mg/l (fish) (OECD 203)

12.2 Persistence and degradability
Not determined.
- Behaviour in environmental systems:
  Not determined.

12.3 Bioaccumulative potential
No further relevant information available.

12.4 Mobility in soil
No further relevant information available.
- Ecotoxical effects:
  Not determined.
- Additional ecological information:
- * General notes:
  Do not allow product to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment
- PBT:
  Not applicable.
- vPvB:
  Not applicable.

12.6 Other adverse effects
No further relevant information available.

SECTION 13: Disposal considerations

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

SECTION 14: Transport information

14.1 UN-Number

ADR	Void
IMDG	Void
IATA	Void

14.2 UN proper shipping name

ADR	Void
IMDG	Void
IATA	Void

14.3 Transport hazard class(es)

ADR	
Class	Void
IMDG	
Class	Void
IATA	
Class	Void

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14.4 Packing group

ADR	Void
IMDG	Void
IATA	Void

14.5 Environmental hazards:
Not applicable.

14.6 Special precautions for user
Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

- Transport/Additional information:
  Not applicable.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2 Chemical safety assessment:
A Chemical Safety Assessment has not been carried out.

SECTION 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

	H226	Flammable liquid and vapour.
*	H302	Harmful if swallowed.
*	H304	May be fatal if swallowed and enters airways.
*	H315	Causes skin irritation.
*	H317	May cause an allergic skin reaction.
*	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.

- 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
  PBT: Persistent, Bioaccumulative and Toxic
  vPvB: very Persistent and very Bioaccumulative

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- Sources
  IFRA/IOFI Labelling Manual,REACH registration dossier,supplier information

- * Data compared to the previous version altered.