

1651800

Reviewed on: 25/08/2015

Printing date: 25/08/2015

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

- Product identifier
- Trade name:
GARLIC EXTRACT / OIL
- Article number:
E0095
- Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the preparation
Flavouring agent
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
BIOLANDES TEL : 33.5.58.51.00.00
40420 LE SEN email: fds@biolandes.com
FRANCE
Emergency telephone number:
FR-ORFILA (INRS): +33(0)1 45 42 59 59

02 Hazards identification

- Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008



GHS07

Skin Sens. 1 - H317 May cause an allergic skin reaction.

- Label elements
- Labelling according to Regulation (EC) No 1272/2008



GHS07



- Signal word
Warning

- Hazard-determining components of labelling:
diallyl disulphide
- Hazard statements
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/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P321 Specific treatment (see on this label).
P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.

03 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description:
Mixture

- Dangerous components:

CAS NO.	Description Index R-phrases	%
	<i>diallyl disulphide</i>	1,01- 5,00
	EC number: 218-548-6	
	 Flam. Liq. 3 - H226;  Acute Tox.	
	4 - H302, Skin Irrit. 2 - H315, Skin Sens. 1 - H317	

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04 First aid measures

- Description of first aid measures
- 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 Firefighting measures

- 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
- Advice for firefighters
- 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
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 of the material collected according to regulations.

07 Handling and storage

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

08 Exposure controls/personal protection

- Control parameters
- Ingredients with limit values that require monitoring at the workplace:

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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. | | | | | |
| <ul style="list-style-type: none"> Additional information:
The lists valid during the making were used as basis. Exposure controls Personal protective equipment: General protective and hygienic measures:
Immediately remove all soiled and contaminated clothing
Avoid contact with the skin. 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 | | | | | |

09 Physical and chemical properties
Information on basic physical and chemical properties
General Information
Appearance:

Form:	viscous
Colour:	light yellow
Odour:	garlic
Odour threshold:	Not determined.

Change in condition

Boiling point/Boiling range:	Not determined.
Flash point:	> 100 °C NFT 60-103 CC
Flammability (solid, gaseous):	Not determined.
Self-igniting:	Not determined.
Danger of explosion:	Not determined.
Vapour pressure:	Not determined.
Density:	Not determined.
Solubility in / Miscibility with water:	Not determined.
Partition coefficient (n-octanol/water):	Not determined.

10 Stability and reactivity

- Reactivity
- Chemical stability
- Thermal decomposition / conditions to be avoided:
Not determined.
- Possibility of hazardous reactions
No dangerous reactions known.
- Conditions to avoid
No further relevant information available.
- Hazardous decomposition products:

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Not determined.

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11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
Not determined.
- Additional toxicological information:
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 Ecological information

- Toxicity
- Aquatic toxicity:
No further relevant information available.
- Persistence and degradability
Not determined.
- Behaviour in environmental systems:
Not determined.
- Mobility in soil
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.
- Results of PBT and vPvB assessment
- PBT:
Not applicable.
- vPvB:
Not applicable.
- Other adverse effects
No further relevant information available.

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 Void
IMDG Void
IATA Void
- UN proper shipping name
ADR Void
IMDG Void
IATA Void
- Transport hazard class(es)
ADR
Class Void
IMDG

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Class	Void
IATA	
Class	Void
• Packing group	
ADR	Void
IMDG	Void
IATA	Void
• Environmental hazards:	
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
- National regulations:
- Waterhazard class:
 Water hazard class 2 (Self-assessment): hazardous for water.
- Chemical safety assessment:
 A Chemical Safety Assessment has not been carried out.

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.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
- 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
 - 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)
 - PBT: Persistent, Bioaccumulative and Toxic
 - vPvB: very Persistent and very Bioaccumulative