

Safety Data Sheet

according to 29 CFR 1910.1200

1693300

Reviewed on: 21/10/2015
Printing date: 21/10/2015

01 Identification

- Product identifier
- Trade name:
SAFFRON OLEORESIN 5%/MPG
- Article number:
F2675
- Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the preparation
Perfume ingredient
Flavouring agents
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
BIOLANDES
40420 LE SEN
FRANCE
TEL : 33.5.58.51.00.00
email: fds@biolandes.com
- Emergency telephone number:
FR-ORFILA (INRS): +33(0)1 45 42 59 59

02 Hazard(s) identification

- Classification of the substance or mixture in accordance with paragraph (d) of 1910.1200
Void
- Label elements
- GHS label elements
Void
- Signal word
Void
- Hazard statements
Void

03 Composition/information on ingredients

- Chemical characterization: Mixtures
 - Description:
Mixture
 - Dangerous components:
- | CAS NO. | Description | % |
|-----------------|-----------------------------|------------------|
| 116-26-7 | safranal | 0,10-1,00 |
| | EC number: 204-133-7 | |

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.
- 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

- Extinguishing media
- 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:

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- 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
- Methods and material for containment and cleaning up:
Dispose of the collected material 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 protection against explosions and fires:
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

- Components 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 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.
- 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. 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

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09 Physical and chemical properties

General Information

Appearance:

Form:	viscous
Color:	orange-red
Odor:	saffron
Odour threshold:	Not determined.

Change in condition

Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	Not determined.

Flash point:	> 100 °C	NFT 60-103 CC
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Flammability (solid, gaseous):	Undetermined.
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Auto igniting:	Undetermined.
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Danger of explosion:	Undetermined.
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Vapor pressure:	Not determined.
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Density:	Not determined.
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Solubility in / Miscibility with

Water:	Not determined.
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Partition coefficient (n-octanol/water):	Not determined.
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10 Stability and reactivity

- Reactivity
- Chemical stability
- Thermal decomposition / conditions to be avoided:
Undetermined.
- Possibility of hazardous reactions
No dangerous reactions known.
- Conditions to avoid
No further relevant information available.
- Hazardous decomposition products:
Undetermined.

11 Toxicological information

- Acute toxicity:
Not determined.
- Additional toxicological information:
The product is not subject to classification according to internally approved calculation methods for preparations:

12 Ecological information

- Toxicity
- Aquatic toxicity:
No further relevant information available.
- Persistence and degradability
Not determined.
- Behavior 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:

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- 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 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.
- 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

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PRODUCT : SAFFRON OLEORESIN 5%/MPG*(Contd. of page 4)***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

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