

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

1. Product identifier
 - Trade name:
FENUGREC ABSOLUE
 - CAS Number:
68990-15-8
 - EC number:
283-415-1
 - Registration number
01-2120764382-53-XXXX

2. Relevant identified uses of the substance or mixture and uses advised against
 - Application of the substance / the preparation
Aromatic ingredient(s). Industrial use only.
 - Uses advised against
not applicable

3. Details of the supplier of the safety data sheet
 - Manufacturer/Supplier:
ROBERTET 37 avenue Sidi-Brahim
BP 52100 F-06131 GRASSE CEDEX
Tel: +33 (0)4 93 40 33 66 (during normal opening times 8h-18h)
Fax: +33 (0)4 93 70 68 09
legis@robertet.com

4. Emergency telephone number:
ORFILA (INRS): + 33 (0)1 45 42 59 59 Poison Control and Toxicovigilance Centers ANGERS: 02 41 48 21 21
BORDEAUX: 05 56 96 40 80 LILLE: 0800 59 59 59 LYON: 04 72 11 69 11 MARSEILLE: 04 91 75 25 25 NANCY: 03
83 22 50 50 PARIS: 01 40 05 48 48 STRASBOURG: 03 88 37 37 37, TOULOUSE: 05 61 77 74 47

SECTION 02: Hazards identification

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



GHS07

Skin Irrit. 2 - H315 Causes skin irritation.

- Additional information:
Full text of H statements: see section 16
2. Label elements
 - Labelling according to Regulation (EC) No 1272/2008

- Hazard pictograms



GHS07

- Signal word
Warning

- Hazard statements
H315 Causes skin irritation.

- Precautionary statements
P264 Wash thoroughly after handling.
P280 Wear protective gloves.
P302+P352 IF ON SKIN: Wash with plenty of water.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P321 Specific treatment (see on this label).

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3. Other hazards
 - Results of PBT and vPvB assessment
 - PBT: Not applicable.
 - vPvB: Not applicable.
 - Determination of endocrine-disrupting properties
None of the ingredients is listed.

SECTION 03: Composition/information on ingredients

- Chemical characterization
- CAS Number: 68990-15-8
- EINECS Number: 283-415-1
- Dangerous components:

CAS Number		%
64-17-5	ethanol	0,10- 1,00
	EC number: 200-578-6	
	Flam. Liq. 2 - H225; Eye Irrit.	
	2 - H319	

SECTION 04: First aid measures

1. Description of first aid measures
 - General information:
Seek immediate medical advice.
 - After inhalation:
Supply fresh air; consult doctor in case of complaints.
 - After skin contact:
Immediately wash with water and soap and rinse thoroughly.
 - After eye contact:
Rinse opened eye for several minutes under running water.
 - After swallowing:
If symptoms persist consult doctor.
2. Most important symptoms and effects, both acute and delayed
No further relevant information available.
3. Indication of any immediate medical attention and special treatment needed
No further relevant information available.

SECTION 05: Firefighting measures

1. Extinguishing media
 - Suitable extinguishing agents:
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
 - For safety reasons unsuitable extinguishing agents:
Non applicable
2. Special hazards arising from the substance or mixture
No further relevant information available.
3. Advice for firefighters
No specific advice

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SECTION 06: Accidental release measures

1. Personal precautions, protective equipment and emergency procedures
 - For non-emergency personnel
Wear protective equipment. Keep unprotected persons away.
 - For emergency responders
Wear protective equipment. Keep unprotected persons away.
2. Environmental precautions:
Do not allow to enter sewers/ surface or ground water.
3. Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
4. Reference to other sections
See Section 13 for disposal information.

SECTION 07: Handling and storage

1. Precautions for safe handling
Avoid contact with skin and eyes Wear appropriate protective equipments (gloves, glasses ...)
- Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.
2. Conditions for safe storage, including any incompatibilities
 - Requirements to be met by storerooms and receptacles:
Avoid exposure to extreme temperatures. Avoid prolonged contact with certain plastic materials (PVC..)
 - Information about storage in one common storage facility:
Not required.
 - Further information about storage conditions:
None.
3. Specific end use(s)
No further relevant information available.

SECTION 08: Exposure controls/personal protection

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

64-17-5	ethanol	0,10- 1,00 %
VLEP		
Short-term value	9500	mg/m3
	5000	ppm
Long-term value	1900	mg/m3
	1000	ppm

- Ingredients with biological limit values:
No further relevant information available.

2. Exposure controls

- Appropriate engineering controls
No further data; see item 7.
- Individual protection measures, such as personal protective equipment
 - General protective and hygienic measures:
Avoid contact with the eyes and skin.
 - Eye/face protection
Safety glasses
 - Skin protection
 - Protection of hands:
Only use chemical-protective gloves with CE-labelling of category III.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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- Material of gloves
 - 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.
 - Respiratory protection:
Not required.
- Thermal hazards
No further relevant information available.
- Environmental exposure controls
No further relevant information available.

SECTION 09: Physical and chemical properties

Information on basic physical and chemical properties	
General Information	
Physical state	Solid
Form:	Pasty
Odour:	Characteristic
Odour threshold:	Characteristic
Melting point/freezing point:	< -20 °C
Boiling point or initial boiling point and boiling range	> 110 °C
Flammability	Not determined.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	>= 100 °C
Auto-ignition temperature:	375 °C EU Method A.15
Ignition temperature:	Undetermined.
Decomposition temperature:	Not determined.
pH	Not applicable.
Viscosity:	
Kinematic viscosity	Not applicable.
Dynamic:	Not applicable.
Solubility	
water:	Not determined.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	at 20 °C 16,3100 mbar
Density and/or relative density	
Density:	Not determined.
Vapour density	Not applicable.
Particle characteristics	Not determined.
Other information	No further relevant information available.
Surface tension:	Not determined.
Explosive properties:	Non explosive (UN Manual of Tests and Criteria: Part I, GLP)
Information with regard to physical hazard classes	
Explosives	not applicable
Flammable gases	not applicable
Aerosols	not applicable
Oxidising gases	not applicable
Gases under pressure	not applicable
Flammable liquids	not applicable
Flammable solids	not applicable

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SAFETY DATA SHEET

According to 1907/2006/EC, Article 31, Latest Amendment

Version number: 2.0 (replaces version: 1.0)

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Self-reactive substances and mixtures	not applicable
Pyrophoric liquids	not applicable
Pyrophoric solids	not applicable
Self-heating substances and mixtures	not applicable
Substances and mixtures, which emit flammable gases in contact with water	not applicable
Oxidising liquids	not applicable
Oxidising solids	not applicable
Organic peroxides	not applicable
Corrosive to metals	not applicable
Desensitised explosives	not applicable
Other safety characteristics	Not determined.
Evaporation rate	Not applicable.

SECTION 10: Stability and reactivity

1. Reactivity
No further relevant information available.
2. Chemical stability
Good stability at conditions of use mentioned in point 7 and 10
3. Possibility of hazardous reactions
Reacts with strong oxidising agents.
4. Conditions to avoid
Avoid temperatures near the flash point (see Section 9). Avoid contact with oxidizing agents.
5. Incompatible materials:
No further relevant information available.
6. Hazardous decomposition products:
No dangerous decomposition products known.

SECTION 11: Toxicological information

1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
 - Acute toxicity
Acute oral toxicity: Not classified according to CLP LD50 > 5000 mg/kg bw (Rat, Standard acute method)
 - Skin corrosion / irritation
Irritant (OECD 439, GLP)
Non-Corrosive (OECD 431, GLP)
Causes skin irritation.
 - Serious eye damage / irritation
Non irritant (OECD 492, GLP)
 - Respiratory / skin sensitization
Not skin sensitizing (Marzulli-Maibach test, HRIPT)
 - Germ cell mutagenicity
Non mutagenic (OECD 471, Bact Reverse Mutation Assay, GLP)
 - Carcinogenicity
Based on available data, the classification criteria are not met.
 - Reproductive toxicity
Based on available data, the classification criteria are not met.
 - STOT single exposure

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Based on available data, the classification criteria are not met.

- STOT repeated exposure
Based on available data, the classification criteria are not met.
- Aspiration hazard
Based on available data, the classification criteria are not met.

2. Information on other hazards

- Endocrine disrupting properties
None of the ingredients is listed.
- Other information
No further relevant information available.

SECTION 12: Ecological information
1. Toxicity

- Aquatic toxicity:
FENUGREC ABSOLUE
EC50-72h (static): 100 mg/l (Alga) (Freshwater,WAF,OECD 201,GLP)
EL50-48H: 164,8 mg/l (Daphnia) (Freshwater,WAF,OECD 202,GLP)

2. Persistence and degradability
Readily Biodegradable (OCDE 301F,GLP)

3. Bioaccumulative potential
Not available

4. Mobility in soil
Not available

5. Results of PBT and vPvB assessment

- PBT:
Not applicable.
- vPvB:
Not applicable.

6. Endocrine disrupting properties
The product does not contain substances with endocrine disrupting properties.

7. Other adverse effects
No further relevant information available.

SECTION 13: Disposal considerations

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

1. UN number or ID number

.ADR	Void
.IMDG	Void
.IATA	Void

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2. UN proper shipping name
- | | |
|-------|------|
| .ADR | Void |
| .IMDG | Void |
| .IATA | Void |
3. Transport hazard class(es)
- | | |
|--------|------|
| .ADR | |
| .Class | Void |
| .IMDG | |
| .Class | Void |
| .IATA | |
| .Class | Void |
4. Packing group
- | | |
|-------|------|
| .ADR | Void |
| .IMDG | Void |
| .IATA | Void |
5. Environmental hazards:
Not applicable.
6. Special precautions for user
Not applicable.
7. Maritime transport in bulk according to IMO instruments
Not applicable.

* **SECTION 15: Regulatory information**

1. Safety, health and environmental regulations/legislation specific for the substance or mixture
- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II
None of the ingredients is listed.
 - REGULATION (EU) 2019/1148
 - Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))
None of the ingredients is listed.
 - Annex II - REPORTABLE EXPLOSIVES PRECURSORS
None of the ingredients is listed.
 - Regulation (EC) No 273/2004 on drug precursors
None of the ingredients is listed.
 - Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors
None of the ingredients is listed.
- National regulations:
 - Waterhazard class:
Water hazard class 1 (Self-assessment): slightly hazardous for water.
2. Chemical safety assessment:
A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

1. Relevant phrases
- | | |
|------|-------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H319 | Causes serious eye irritation. |

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2. Department issuing MSDS:
Legislation / Regulatory Affair Department

3. 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

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

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

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

4. Sources

RIFM Database

Suppliers Information

REACH registration dossier

IFRA/IOFI Labelling Manual

* • Date of previous version:
* 03.01.2023

* • Version number of previous version:
* 1.0

* Data compared to the previous version altered.