

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

1745002

Reviewed on: 10/06/21
Printing date: 10/06/2021

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

1.1 Product identifier

- Trade name:
BARLEY ROASTED EXTRACT 40%/ETH
- Article number:
F1876

1.2 Relevant identified uses of the substance or mixture and uses advised against Application of the substance / the preparation

Flavouring agent
* Only for industrial use

1.3 Details of the supplier of the safety data sheet

- Manufacturer/Supplier:
* BIOLANDES, BP2 TEL: +33(0)5.58.51.00.00
* 2760 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



GHS02

Flam. Liq. 2 - H225 Highly flammable liquid and vapour.



GHS07

Eye Irrit. 2 - H319 Causes serious eye irritation.

2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008
- Hazard pictograms



GHS02 GHS07

- Signal word
Danger

- Hazard statements
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.

- Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

- * P240 Ground and bond container and receiving equipment.

- * P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.

2.3 Other hazards

- Results of PBT and vPvB assessment

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

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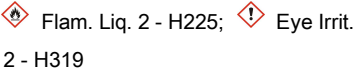
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PRODUCT : BARLEY ROASTED EXTRACT 40%/ETH
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SECTION 03: Composition/information on ingredients

3.2 Chemical characterization: Mixtures

- Description:
Mixture

- Dangerous components:

CAS Number		%
* 64-17-5	ethyl alcohol	50,001-100
*	EC number: 200-578-6	
		

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
- * Formation of toxic gases is possible during heating or in case of fire.

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.
Ensure adequate ventilation
Keep away from ignition sources.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

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- * 6.3 Methods and material for containment and cleaning up:
- * Dispose contaminated material as waste according to item 13.
- * Ensure adequate ventilation.

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.

SECTION 07: Handling and storage

- Handling:
- * 7.1 Precautions for safe handling
- * Keep receptacles tightly sealed.
- 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 only in the original receptacle.
 - * Use only receptacles specifically permitted for this substance/ product.
 - * • Further information about storage conditions:
 - * Keep container tightly sealed.
 - 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.
 - Keep away from foodstuffs, beverages and feed.
 - * Wash hands before breaks and at the end of work.
 - Avoid contact with the eyes.
 - 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.

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- Eye protection: Safety glasses

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SECTION 09: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	liquid / may contain a deposit
Colour:	red-brown
Odour:	Characteristic
Odour threshold:	Not determined.

Change in condition

Initial boiling point and boiling range: Not determined.

* Flash point: 22,0 °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.

Relative density : 0,8500 0,9000 D20/20

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

64-17-5 ethanol

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- Oral, LD50: 7060 mg/kg (rat)
Inhalative, LC50/4h: 20000 mg/l (rat)
- Primary irritant effect:
 - Skin corrosion/irritation
No irritant effect.
 - Serious eye damage/irritation
Irritating effect.
 - Respiratory or skin sensitisation
No sensitizing effects known.
 - * • Subacute to chronic toxicity:
Not determined.
 - * • Additional toxicological information:
 - * • Carcinogenic if inhaled.
 - * • Germ cell mutagenicity
Not determined.
 - * • Carcinogenicity
Not determined.
 - * • Reproductive toxicity
Not determined.
 - * • STOT-single exposure
Not determined.
 - * • STOT-repeated exposure
Not determined.
 - * • Aspiration hazard
Not determined.

SECTION 12: Ecological information

- 12.1 Toxicity
- Aquatic toxicity:
No further relevant information available.
- * 12.2 Persistence and degradability
- * No further relevant information available.
- 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.
- Ecotoxicological 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.

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SECTION 14: Transport information

14.1 UN-Number

ADR UN1170

IMDG UN1170

IATA UN1170

14.2 UN proper shipping name

ADR 1170 ETHANOL (ETHYL ALCOHOL) 60%, MIXTURE

IMDG ETHANOL (ETHYL ALCOHOL) 60%, MIXTURE

IATA ETHANOL (ETHYL ALCOHOL) 60%, MIXTURE

14.3 Transport hazard class(es)

ADR
Class 3 (F1) Flammable liquids.

Label
3

IMDG
Class 3 Flammable liquids.

Label
3

IATA
Class 3 Flammable liquids.

Label
3


14.4 Packing group

ADR II

IMDG II

IATA II

14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for user

Warning: Flammable liquids.

Danger code (Kemler): 33

EMS Number: F-E,S-D

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

• Transport/Additional information:

Not applicable.

Excepted quantities (EQ): E2

Limited quantities (LQ): 1L

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Transport category 2
Tunnel restriction code D/E
IMDG
Limited quantities (LQ) 1L
Excepted quantities (EQ) E2

- UN "Model Regulation":
UN 1170 ETHANOL (ETHYL ALCOHOL) 60%, MIXTURE, 3, II

SECTION 15: Regulatory information

15.1 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.

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
 - H225 Highly flammable liquid and vapour.
 - H319 Causes serious eye irritation.
 - 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
- * Sources
- * IFRA/IOFI Labelling Manual, REACH registration dossier, supplier information
- * Data compared to the previous version altered.