

## Safety Data Sheet

**ARTICHOKE ABSOLUTE**

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2020/878)

Version:1  
Version date:24/09/2021  
Language:EN

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**

Trade name/designation : ARTICHOKE ABSOLUTE

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Relevant identified uses : Used in perfumery and in formulation of compounded flavors for liqueurs and pastry.

**1.3. Details of the supplier of the safety data sheet**

Supplier : Name: Hermitage Oils  
Street: Località Petrognano 14, 52100 Arezzo (AR)  
Country: Italy  
Telephone: +39 (0) 575 362831  
E-mail: info@hermitageoils.com

**1.4. Emergency Telephone Number**

Italy: Bergamo: +39 (0) 800 883 300, Florence: +39 (0) 55 794 7819, Foggia: +39 (0) 881 732 326, Genoa: +39 (0) 10 563 62 45, Milan: + 39 (0) 02 6610 1029, Padua: +39 (0) 49 827 50 78, Pavia: +39 (0) 38 224 444, Rome: +39 (0) 06 305 43 43, Turin: +39 (0) 011 663 7637

**SECTION 2: HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture****Hazards identification**

This mixture is not classified as dangerous.

**2.2. Label elements****Labelling**

Hazard pictograms	-
Signal word	-
Product identifiers	-
Hazard Statements	-
Supplemental Hazard information (EU)	-
Precautionary Statements - General	-
Precautionary Statements - Prevention	-
Precautionary Statements - Response	-
Precautionary Statements - Storage	-
Precautionary Statements - Disposal	-

## 2.3. Other hazards

Not available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

This mixture does not contain any substances presenting a health or environmental hazard within the meaning of the Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List.

Substance	C (%)	Classification	Specific concentration limits	Note
Artichoke, ext. CAS N°:84012-14-6 EC N°:281-659-3 IDX N°:	C ≤ 100.0%	-	-	-

The mixture does not contain any substances classified as Substances of Very High Concern (SVHC) by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.eu/fr/candidate-liste-table>

### 3.3. Remark

Natural product.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

General information	:	When in doubt or if symptoms are observed, get medical advice.
Following inhalation	:	No special measures are necessary. Provide fresh air.
Following skin contact	:	Wash with soap and water.
Following eye contact	:	In case of eye irritation consult an ophthalmologist. Rinse immediately carefully and thoroughly with eye-bath or water.
Following ingestion	:	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Self-protection of the first aider	:	No special measures are necessary.

### 4.2. Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

### 4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	:	Treat symptomatically.
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## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Suitable extinguishing media	:	Carbon Dioxide; Dry Chemical; Water Spray; Universal-Type. Foam.
Unsuitable extinguishing media	:	None established.

### 5.2. Special hazards arising from the substance or mixture

- None, material is not pyrophoric, does not react with water, not an oxygen donor, material is shock stable.

### 5.3. Advice for firefighters

- Keep containers cool.
- Use protective equipment for firefighters, such as boots, overalls, gloves, eye and face protection and breathing apparatus.

### 5.4. Additional information

Not available

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

- No special measures are necessary.

### 6.2. Environmental precautions

- Ensure that waste is collected and contained.
- Contain leaks or spills within cabinets with removable trays.

### 6.3. Methods and material for containment and cleaning up

- Treat the recovered material as prescribed in the section on waste disposal.
- Collect in closed and suitable containers for disposal.
- Absorb with liquid-binding material ( e.g. sand, diatomaceous earth, acid- or universal binding agents).
- Wipe up with absorbent material (eg. cloth, fleece).

### 6.4. Reference to other sections

- Safe handling: see section 7.
- Disposal: see section 13.
- Personal protection equipment: see section 8.

### 6.5. Additional information

Not available

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

#### PROTECTIVE MEASURES

- No special measures are necessary.

#### Advices on general occupational hygiene

- Wash hands before breaks and after work.
- Remove contaminated, saturated clothing.

### 7.2. Conditions for safe storage, including any incompatibilities

- Keep container tightly closed in a dry, cool, and well-ventilated place.
- Keep container in upright position in order to prevent leakage.

### 7.3. Specific end uses

- Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Not available

### 8.2. Exposure controls

#### Appropriate engineering controls

Not available

#### Personal protection equipment



Eye/face protection	:	Suitable eye protection: Using goggles or face shield is recommended
Skin protection	:	Hand protection: Protective gloves are recommended Body protection: Skin protection is needed
Respiratory protection	:	Suitable respiratory protection apparatus: Protective mask may be used

### 8.3. Additional information

Not available

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Physical state:	Viscous liquid
Colour:	Yellowish Brown to Brown Viscous Liquid
Odour:	Herbaceous
Odour threshold:	Not available
pH:	Not available
Melting point/freezing point:	Not available
Initial boiling point and boiling range:	Not available
Flash point:	85°C
Evaporation rate:	Not available
Flammability:	Not available
Upper/lower flammability or explosive limits:	Not available
Vapour pressure:	Not available
Vapour density:	Not available
Relative density:	Not available
Solubility(ies):	Insoluble.
Partition coefficient: n-octanol/water (Log KOC):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available
Explosive properties:	Not available
Oxidising properties:	Not available

### 9.2. Other safety information

Specific Gravity@ 20°C: 0.945 – 0.975.  
 Refractive index@ 20°C: 1.400 – 1.525.  
 Optical Rotation@ 20°C: NA.  
 Solubility in Ethyl Alcohol: Soluble.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

This material presents no significant reactivity hazard.

### 10.2. Chemical stability

This product is stable for three years provided that it is kept in its original container in a stable ambient temperature according to storage conditions in point 7.

### 10.3. Possibility of hazardous reactions

This material presents no significant reactivity hazard.

### 10.4. Conditions to avoid

None established.

### 10.5. Incompatible materials

Strong acids, strong alkalis and oxidizing agents.

### 10.6. Hazardous decomposition products

None identified.

### 10.7. Additional information

Not available

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Acute oral toxicity

#### Data for mixture

The product is not classified.

#### Substances

Not available

### 11.2. Acute skin toxicity

#### Data for mixture

The product is not classified.

#### Substances

Not available

### 11.3. Acute inhalation toxicity

#### Data for mixture

The product is not classified.

#### Substances

Not available

### 11.4. Skin corrosion

#### Data for mixture

The product is not classified.

#### Substances

Not available

### 11.5. Eye damage

#### Data for mixture

The product is not classified.

#### Substances

Not available

### 11.6. Skin sensitisation

#### Data for mixture

The product is not classified.

#### Substances

Not available

#### 11.7. STOT SE

##### Data for mixture

The product is not classified.

##### Substances

Not available

#### 11.8. STOT RE

##### Data for mixture

The product is not classified.

##### Substances

Not available

#### 11.9. Carcinogenicity

##### Data for mixture

The product is not classified.

##### Substances

Not available

#### 11.10. Reproductive and Developmental Toxicity

##### Data for mixture

The product is not classified.

##### Substances

Not available

#### 11.11. In vitro genotoxicity

##### Data for mixture

The product is not classified.

##### Substances

Not available

#### 11.12. Respiratory sensitisation

##### Data for mixture

The product is not classified.

##### Substances

Not available

#### 11.13. Additional information

Not available

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Not available

### 12.2. Persistence and degradability

Not available

### 12.3. Bioaccumulative potential

Not available

### 12.4. Mobility in soil

Not available

### 12.5. Results of PBT and vPvB assessment

Not available

## 12.6. Other adverse effects

Not available

## 12.7. Additional ecotoxicological information

There is no ecological information known for this product.  
Avoid all contamination with soil and water.

# SECTION 13: DISPOSAL CONSIDERATIONS

## 13.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

- The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Waste treatment options

- Dispose of waste according to applicable legislation.
- Non-contaminated packages must be recycled or disposed of.
- Contaminated packing must be completely emptied and can be reused after proper cleaning.
- Packing which cannot be properly cleaned must be disposed of.
- Dispose of waste according to applicable legislation.

Remark

- For recycling, contact manufacturer.

# SECTION 14: TRANSPORT INFORMATION

## 14.1. UN number

The product is not hazardous according to the applicable transport regulations.

## 14.2. UN proper shipping name

Not regulated.

## 14.3. Transport hazard class(es)

Not regulated.

## 14.4. Packing group

Not regulated.

## 14.5. Environmental hazards

Not regulated.

## 14.6. Special precautions for user

Not regulated.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not regulated.

## 14.8. Additional information

Not available

# SECTION 15: REGULATORY INFORMATION

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

This SDS has been established in accordance with REACH regulation, including its amendments: REACH Regulation (EC) No 1907/2006.  
This SDS has been established in accordance with CLP regulation, including its amendments: CLP Regulation EC No. 1272/2008.  
Not available

### 15.2. Chemical Safety Assessment

For this substance/mixture a chemical safety assessment is not required.  
No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.  
For this substance/mixture a chemical safety assessment has been elaborated.  
For this mixture, the relevant data of the Substances' Chemical safety assessment are integrated in the sections of the SDS.

### 15.3. Additional information

Not available

## SECTION 16: OTHER INFORMATION

Creation date: 24/09/2021  
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Printing date: 08/10/2021

### 16.1. Indication of changes

Not applicable (first edition of the MSDS).

### 16.2. Abbreviations and acronyms

CAS: Chemical Abstract Service Number.  
IATA: International Air Transport Association.  
IMDG: International Maritime Dangerous Goods Code.  
DPD Dangerous Preparation Directive.  
UN number: United Nations number.  
No EC: European Commission Number.  
ADN/ADNR: Regulations concerning the transport of dangerous substances in barges on the waterways.  
ADR/RID: European Agreement concerning the International Carriage of Dangerous Goods by Road/Regulations concerning the international carriage of dangerous goods by rail.  
CLP: Classification, labeling and packaging.  
VPvB: very persistent and very bioaccumulative substances.

### 16.3. Key literature references and sources for data

No data available.

### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.

### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)Not available

### 16.6. Training advice

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

### 16.7. Additional information

Not available

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.