

## Safety Data Sheet

**ANISYL ALCOHOL NATURAL ISOLATE**

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 : ANISYL ALCOHOL NATURAL ISOLATE

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

Relevant identified uses : Manufacturing of: - Air care products - Perfumes, fragrances - Pharmaceuticals - Cosmetics, personal care products - Flavouring Substances - Other.

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

Supplier : Name: Hermitage Oils srl  
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

Classification	Hazard statements (H)
Acute Tox. 4	H302 Harmful if swallowed
Skin Irrit. 2	H315 Causes skin irritation.
Skin Sens. 1B	H317 May cause an allergic skin reaction.
Eye Irrit. 2	H319 Causes serious eye irritation

**2.2. Label elements**

## Labelling

Hazard pictograms



Signal word

Warning

Product identifiers

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Hazard Statements

H302 - Harmful if swallowed  
H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.

Supplemental Hazard information (EU)	H319 - Causes serious eye irritation
Precautionary Statements - General	-
Precautionary Statements - Prevention	- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash ... thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statements - Response	P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/.../if you feel unwell. P302+P352 - IF ON SKIN: Wash with plenty of water/... P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P330 - Rinse mouth. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse.
Precautionary Statements - Storage	-
Precautionary Statements - Disposal	P501 - Dispose of contents/container to Organic waste.

Contains: 4-methoxybenzyl alcohol

### 2.3. Other hazards

Not available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Substance	C (%)	Classification	Specific concentration limits	Note
4-methoxybenzyl alcohol CAS N°:105-13-5 EC N°:203-273-6 IDX N°:	C ≤ 100.0%	H302: Harmful if swallowed H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation	-	-

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

Text phrases and H- EUH-: see section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

General information	:	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Do not leave affected person unattended. Keep affected person warm, still and covered.
Following inhalation	:	Remove person to fresh air and keep comfortable for breathing.
Following skin contact	:	Change contaminated, saturated clothing. Take off contaminated clothing. In case of skin irritation, consult a physician. After contact with skin, wash immediately with plenty of water and soap.

Following eye contact	:	In case of eye irritation consult an ophthalmologist. Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing.
Following ingestion	:	Never give anything by mouth to an unconscious person or a person with cramps. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If swallowed: Call a POISON CENTER or physician if you feel unwell.
Self-protection of the first aider	:	First aider: Pay attention to self-protection!.

#### 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	:	Co-ordinate fire-fighting measures to the fire surroundings.
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#### 5.2. Special hazards arising from the substance or mixture

- Non-flammable.

#### 5.3. Advice for firefighters

- Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

#### 5.4. Additional information

- Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.
- Do not allow entering drains or surface water.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

- Use personal protection equipment.
- Remove persons to safety.

#### 6.2. Environmental precautions

- Ensure that waste is collected and contained.
- In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

#### 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.
- Clean contaminated objects and areas thoroughly observing environmental regulations.

#### 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

- Avoid contact with skin, eyes and clothes.
- Do not eat, drink or smoke when using this product.
- Wear personal protective clothing (see section 8).
- Avoid breathing dust.

#### Advices on general occupational hygiene

- Wash hands before breaks and after work.
- Remove contaminated, saturated clothing.
- Wash contaminated clothing before reuse.
- Street clothing should be stored separately from work 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.

#### Advice on joint storage

- Keep away from food, drink and animal feedingstuffs.

### 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

#### DNEL-/PNEC-values

- 4-methoxybenzyl alcohol:

#### DNEL worker

	short-term		long-term	
	systemic	Local	systemic	Local
Oral				
Dermal			0.7mg/kg bw/day	
Inhalation			2468mg/m <sup>3</sup>	

#### DNEL consumer

	short-term		long-term	
	systemic	Local	systemic	Local
Oral			0.25mg/kg bw/day	
Dermal			0.25mg/kg bw/day	
Inhalation			0.37mg/m <sup>3</sup>	

#### PNEC

PNEC aquatic, freshwater	0.064mg/l
PNEC aquatic, marine water	0.006mg/l
PNEC aquatic, intermittent release	0.642mg/l
PNEC sediment, freshwater	0.321mg/kg dw
PNEC sediment, marine water	0.032mg/kg dw
PNEC soil	0.026mg/kg dw

PNEC sewage treatment plant (STP)	
PNEC air	
PNEC secondary poisoning	

## 8.2. Exposure controls

### Appropriate engineering controls

Not available

### Personal protection equipment



Eye/face protection	:	Suitable eye protection: Goggles
Skin protection	:	<b>Hand protection:</b> <ul style="list-style-type: none"> <li>- Suitable gloves type: Butyl caoutchouc (butyl rubber) (0,5mm)/FKM (fluoro rubber)</li> <li>- When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.</li> <li>- The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.</li> <li>- For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.</li> </ul> Body protection: Use of protective clothing.
Respiratory protection	:	Suitable respiratory protection apparatus: In case of inadequate ventilation wear respiratory protection.

## 8.3. Additional information

Protective and hygiene measures:

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.

Wash hands before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Physical state:	Solid
Colour:	Colourless To Pale Yellow
Odour:	Sweet, Fruity
Odour threshold:	Not available
pH:	6.3
Melting point/freezing point:	22 °c
Initial boiling point and boiling range:	257°C
Flash point:	113°C
Evaporation rate:	Not Determined
Flammability:	Not Applicable
Upper/lower flammability or explosive limits:	0.9 Vol %
Vapour pressure:	0,45 Hpa
Vapour density:	Not Determined
Relative density:	1.113 G/cm <sup>3</sup>
Solubility(ies):	37.2 G/l
Partition coefficient: n-octanol/water (Log KOC):	1.1
Auto-ignition temperature:	Not available

Decomposition temperature: Not Determined  
 Viscosity: Not available  
 Explosive properties: 7,3 Vol. % (upper Explosion Limits)  
 Oxidising properties: Not Oxidising

## 9.2. Other safety information

Physical state: Solid or liquid, depending on temperature.

Explosive properties.

The product is not: Explosive. not explosive according to EU A.14.

Viscosity/dynamic (at 23 °C): 17,55 mPa·s.

Viscosity/kinematic (at 23 °C): 15 mm<sup>2</sup>/s.

Solid content: not determined.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid

None.

### 10.5. Incompatible materials

Not available

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

### 10.7. Additional information

Not available

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Acute oral toxicity

Data for mixture

Harmful if swallowed.

Substances

**4-methoxybenzyl alcohol (CAS: 105-13-5)**

Species : Rat  
 Sex : Not available  
 Guideline : Not available

Subendpoint	Operator	Value	Unit
LD50:	=	1200	mg/kg bw

Conclusion : Not available

**11.2. Acute skin toxicity****Data for mixture**

Not available

**Substances****4-methoxybenzyl alcohol (CAS: 105-13-5)**

Species : Rabbit  
 Sex : Not available  
 Guideline : OECD 402  
 Exposure duration/value : Not available  
 Exposure duration/unit : Not available

Subendpoint	Operator	Value	Unit
LD50:	=	3000	mg/kg bw

Conclusion : Not available

**11.3. Acute inhalation toxicity****Data for mixture**

Not available

**Substances**

Not available

**11.4. Skin corrosion****Data for mixture**

Causes skin irritation.

May cause an allergic skin reaction. (NATURAL ANISYL ALCOHOL).

**Substances**

Not available

**11.5. Eye damage****Data for mixture**

Causes serious eye irritation.

**Substances**

Not available

**11.6. Skin sensitisation****Data for mixture**

Not available

**Substances**

Not available

**11.7. STOT SE****Data for mixture**

Not available

**Substances**

Not available

**11.8. STOT RE****Data for mixture**

Not available

**Substances**

Not available

**11.9. Carcinogenicity****Data for mixture**

Not available

**Substances**

Not available

**11.10. Reproductive and Developmental Toxicity****Data for mixture**

Not available

**Substances**

Not available

**11.11. In vitro genotoxicity****Data for mixture**

Not available

**Substances**

Not available

**11.12. Respiratory sensitisation****Data for mixture**

Not available

**Substances**

Not available

**11.13. Additional information**

Classification according to Regulation (EC) No 1272/2008 [CLP]: health hazard properties.

**SECTION 12: ECOLOGICAL INFORMATION****12.1. Toxicity**

The product is not: Ecotoxic.

**Acute aquatic toxicity****Substances****4-methoxybenzyl alcohol (CAS: 105-13-5)**

Animals/category : Fish  
 Species : Brachydanio rerio REACH dossier (zebra-fish)  
 Test duration : 96  
 Unit : h  
 Guideline : OECD 203

Subendpoint	Value	Unit
LC50:	>64	mg/L

Remarks : Not available

Animals/category : Algae  
 Species : Pseudokirchneriella subcapitata.  
 Test duration : 72  
 Unit : h  
 Guideline : OECD 201

Subendpoint	Value	Unit
ErC50:	141	mg/L

Remarks : Not available

Animals/category : Crustacea  
 Species : Daphnia magna (Big water flea).  
 Test duration : 48  
 Unit : h  
 Guideline : OECD 202

Subendpoint	Value	Unit
EC50	>100	mg/L

Remarks : Not available



Animals/category : Algae  
 Species : Pseudokirchnerella subspicata  
 Test duration : 3  
 Unit : days  
 Guideline : Not available

Subendpoint	Value	Unit
NOEC:	27,04	mg/L

Remarks : Not available

## 12.2. Persistence and degradability

Not available

### Biodegradation

#### Substances

##### 4-methoxybenzyl alcohol (CAS: 105-13-5)

Inoculum : Not available  
 Guideline : OECD 310  
 Test duration : Not available  
 Unit : Not available

Parameter	Degradation rate	Unit
-	10	%

Remarks : Readily biodegradable (according to OECD criteria). dose: 3

Inoculum : Not available  
 Guideline : OECD 310  
 Test duration : Not available  
 Unit : Not available

Parameter	Degradation rate	Unit
-	60	%

Remarks : Readily biodegradable (according to OECD criteria). Dose: 10

Inoculum : Not available  
 Guideline : OECD 310  
 Test duration : Not available  
 Unit : Not available

Parameter	Degradation rate	Unit
-	87	%

Remarks : Readily biodegradable (according to OECD criteria). Dose: 28

## 12.3. Bioaccumulative potential

Not available

### Bioconcentration factor (BCF)

#### Substances

##### 4-methoxybenzyl alcohol (CAS: 105-13-5)

Species : Not available  
 Guideline : Not available  
 Log kow : 1.05

**Bioconcentration factor (BCF)**

1.37

Remarks : The product has not been tested.

**12.4. Mobility in soil**

The product has not been tested.

**12.5. Results of PBT and vPvB assessment**

Not available

**12.6. Other adverse effects**

Not available

**12.7. Additional ecotoxicological information**

Avoid release to the environment.

**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**

- Waste requiring special supervision.
- Dispose of waste according to applicable legislation.
- Delivery to an approved waste disposal company.
- 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.
- Handle contaminated packages in the same way as the substance itself.
- Dispose of waste according to applicable legislation.

**Remark**

- For recycling, contact manufacturer.
- Collect the waste separately.
- Consult the appropriate authorities about waste disposal.
- Do not mix with other wastes.
- The waste is to be kept separate from other types of waste until its disposal.
- Concerning the waste it has to be checked, whether a transport authorisation is required.

**SECTION 14: TRANSPORT INFORMATION****14.1. UN number**

Not available

**14.2. UN proper shipping name**

Not available

**14.3. Transport hazard class(es)**

Not available

**14.4. Packing group**

Not available

**14.5. Environmental hazards**

Not available

**14.6. Special precautions for user**

Not available

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

Not available

**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.

**EU legislation****Regulation:** Directive n°648/2004 (Allergenic fragrance ingredients N°1223/2009)

Substance	CAS	EC
4-methoxybenzyl alcohol	105-13-5	203-273-6

**15.2. Chemical Safety Assessment**

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  
Version date: 24/09/2021  
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)

H302	Acute Tox. 4 ORAL	Harmful if swallowed
H315	Skin Irrit. 2	Causes skin irritation.
H317	Skin Sens. 1B	May cause an allergic skin reaction.
H319	Eye Irrit. 2	Causes serious eye irritation

### 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.