

## GHS Safety Data Sheet

This Safety Data Sheet cancels and replaces all preceding SDS for this product.

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

**184120**

AMBREGRIS SYNTH  
dsm-firmenich product

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

Fragrance ingredient for use in consumer products.  
Not for personal use in this form or concentration.  
Intended to be used in the manufacture of products for consumers.

#### 1.3 Details of the supplier of the safety data sheet

Firmenich S.A.  
Plaza Europa, 41, Torre Realia 15th floor  
L'Hospitalet de Llobregat (Barcelona) 8908,  
SpainTel : +34 93 490 58 08P&B.RA.EU@dsm-firmenich.com

#### 1.4 Emergency telephone number

+44 1235 239 670 Available 24/7 (NCEC)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Not Classified

#### Additional information

Full text of listed statements : See section 16

#### 2.2 Label elements

Not Classified



### 2.3 Other hazards

No data available at this time.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Mixture of aromatic substances.

| Contains :                                                                                                                               | GHS Classification:                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| >= 0.1 < 0.5% EU Specific Identifiers: N° EU REACH:<br>01-2119987323-31 EC CAS: 0000106-02-5<br>Oxacyclohexadecan-2-One N° EC: 203-354-6 | Skin Sensitization - Cat. 1B [H317] Environmental<br>Hazard (chronic) - Cat. 2 [H411] |

#### SCL/M-factor/ATE:

None

|  |  |
|--|--|
|  |  |
|--|--|

## SECTION 4: FIRST-AID MEASURES

### 4.1 Description of first aid measures

General information:

As in all cases of potential poisoning, Obtain medical advice immediately.

In case of eye contact:

Irrigate copiously with water for at least 10 minutes. Obtain medical advice if any irritation or evidence of tissue damage persists.

In case of inhalation:

Remove the individual to fresh air and keep at rest. Obtain medical advice immediately.

In case of skin contact:

Remove contaminated clothes. Wash skin with large volumes of water.

If irritation persists, or any sign of tissue damage is apparent, obtain medical advice immediately.

In case of ingestion:

Rinse mouth with water. Obtain medical advice immediately.



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

No information available on the product itself.

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

None known.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

In the event of fire, adequate extinguishers should be used. Avoid inhalation of smoke and fumes. In case of insufficient ventilation, wear suitable respiratory equipment.

### 5.2 Special hazard arising from the substance or mixture

No specific hazard known.

### 5.3 Advice for fire-fighters

No specific advice.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

For non-emergency personnel:

Adequate protective gloves should be worn when handling spillages. No smoking. Avoid naked flames or other potential sources of ignition (eg. electrical equipment).

Avoid skin contamination and inhalation of vapour.

Individual washing routines should be followed after any potential contact.

Ensure adequate ventilation in working areas following accidental releases.

For emergency personnel:

Apply the same recommendations as section 6.1

### 6.2 Environmental precautions

Do not discharge directly into drains, air, into soil or into the aquatic environment.

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

For containment:



Any absorbent used for cleaning up spillage should be disposed promptly, accordingly to local regulation. Gross spillages should be contained by any means, and disposal of this should be in accordance with Government Regulations.

For cleaning-up:

Spillages should be disposed of in accordance with Governmental Regulations.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes.

Wear adequate protective gloves protection and eye/face protection.

No smoking. Avoid any sources of ignition.

Avoid exposing to high temperature during processing.

Do not ingest or apply to the skin as such. Good personal washing routines should be followed.

Maintain adequate local and general ventilation where product is handled.

#### Protective measures

Keep strict control of dust accumulation to a minimum. Maintain adequate local and general ventilation where product is handled. Avoid any sources of ignition.

#### Advice on general occupational hygiene

Good personal washing routines should be followed.

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

It is good general practice to store in closed, preferably full, containers away from heat sources, and protected from extremes of temperature. Do not re-use the empty container.

Respect general rules for compatibility storage.

### 7.3 Specific end use(s)

Not available at this time.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Contains no substances with occupational exposure limit values

#### Derived No Effect Level (DNEL)

No data available

**Predicted No Effect Concentration (PNEC)**

No data available

**8.2 Exposure controls**

Avoid exposing to high temperature during processing.

Maintain adequate local and general ventilation where product is handled.

**Appropriate engineering controls**

Maintain adequate local and general ventilation where product is handled and dispensed.

**Environmental exposure controls**

Not available at this time. Minimize release to the environment.

**Personal protection**

Respiratory protection: Where ventilation (LEV) is inadequate to prevent any inhalation of substances, use adequate respiratory apparatus.

Hand protection: Use chemical resistant gloves classified under Standard EN 374: Protective gloves against chemicals. Preferred glove barrier materials: Neoprene and Nitrile. When prolonged or frequently repeated contact may occur, a glove with a protection class of 4 or higher (breakthrough time greater than 120 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 1 or higher (breakthrough time greater than 10 minutes according to EN 374) is recommended. Thickness  $\geq$  0,2mm. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

Eye protection: Adequate safety glasses should be used.

Skin protection: Wear protective clothing, overall if necessary to limit the odour contamination of personal clothing. Individual washing routines should be followed after any potential contact.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

|                                                                |                                                                                       |
|----------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Physical form:                                                 | LIQUID                                                                                |
| Colour :                                                       | COLOURLESS TO PALE YELLOW                                                             |
| Odour :                                                        | Characteristic strong odour according to the commercial description of the substance. |
| Melting point/freezing point (°C):                             | Not determined                                                                        |
| Boiling point or initial boiling point and boiling range (°C): | Not determined                                                                        |
| Flammability:                                                  | The product is not flammable.                                                         |
| Lower and upper explosion limit:                               | Not determined                                                                        |



|                                                    |                                                     |
|----------------------------------------------------|-----------------------------------------------------|
| Flash point:                                       | > 100°C                                             |
| Auto-ignition temperature (°C) :                   | Not determined                                      |
| Decomposition temperature :                        | No decomposition if stored and applied as directed. |
| pH:                                                | Not determined                                      |
| Kinematic viscosity:                               | Not determined                                      |
| Water solubility (20°C) :                          | Not applicable, the product is a mixture            |
| Partition coefficient n-octanol/water (log value): | Not applicable, the product is a mixture            |
| Vapour pressure (Pa) :                             | Not determined                                      |
| Density and/or relative density:                   | 1.13 - 1.14                                         |
| Relative vapour density:                           | Not determined                                      |
| Particle characteristics:                          | Not applicable, the product is a liquid             |

## 9.2 Other information

### 9.2.1. Information with regard to physical hazard classes

None

### 9.2.2. Other safety characteristics

None

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No reaction known with water.

### 10.2 Chemical stability

Good stability at standard temperature.

### 10.3 Possibility of hazardous reactions

Not known.

### 10.4 Conditions to avoid

Avoid temperatures above or at least 5 °C below flash point for any flammable liquids.

Do not heat closed containers.

Avoid contact with oxidizing agents.

### 10.5 Incompatible materials

Not known.



## 10.6 Hazardous decomposition products

Contact with water or storage under recommended conditions for one year should not produce dangerous decomposition products.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

This mixture has not been subjected to toxicological testing as an entity. According to available data on the constituents the health classification criteria are not met.

**(a) acute toxicity**

Calculated LD50 Oral: LD50 > 2000 mg/kg bw

**(b) skin corrosion/irritation**

Not applicable

**(c) serious eye damage/irritation**

Not applicable

**(d) respiratory or skin sensitisation**

Not applicable

**(e) germ cell mutagenicity**

Not applicable

**(f) carcinogenicity**

Not applicable

**(g) reproductive toxicity**

Not applicable

**(h) STOT-single exposure**

Not applicable

**(i) STOT-repeated exposure**

Not applicable

**(j) aspiration hazard**

Not applicable

### 11.2 Information on other hazards

#### 11.2.1 Endocrine disrupting properties

No data available



## 11.2.2 Other information

No data available

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## SECTION 12: ECOLOGICAL INFORMATION

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This mixture has not been subjected to ecotoxicological testing as an entity. According to available data on the constituents the environmental classification criteria are not met.

### 12.1 Toxicity

Not applicable

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

Not applicable

### 12.6 Endocrine disrupting properties

No data available

### 12.7 Other adverse effects

No data available

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## SECTION 13: DISPOSAL CONSIDERATIONS

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### 13.1 Waste treatment methods

Product: Dispose of as special waste in compliance with local and national regulations. Do not dump into any sewers, on the ground, or into any body of water.

Contaminated packaging: for used, contaminated and residual materials additional evaluations may be required.

European waste disposal number: No waste code from the European waste catalog can be assigned to this product, because only the use made by the user allows this attribution. The waste code is established in consultation with waste disposal services.

## SECTION 14: TRANSPORT INFORMATION

In case of accidental spillage or fire during transport, refer to instructions given under points 5, 6, 7 and 8 above.

|                                                               | UNO                | Land transport<br>(ADR/RID) | Sea transport<br>(IMDG-Code) | Air transport<br>(ICAO-IATA) |
|---------------------------------------------------------------|--------------------|-----------------------------|------------------------------|------------------------------|
| 14.1 UN-No:                                                   | Not regulated      | Not regulated               | Not regulated                | Not regulated                |
| 14.2 Proper Shipping Name:                                    | N/A                | N/A                         | N/A                          | N/A                          |
| 14.3 Class:                                                   | ----               | ----                        | ----                         | ----                         |
| 14.4 Packing Group:                                           | ---                | ---                         | ---                          | ---                          |
| 14.5 Environmental hazards:                                   | Not applicable     | Not applicable              | Not applicable               | Not applicable               |
| 14.6 Special precautions for user:                            | Refer to section 7 | Refer to section 7          | Refer to section 7           | Refer to section 7           |
| 14.7 Maritime transport in bulk according to IMO instruments: | Not applicable     | Not applicable              | Not applicable               | Not applicable               |

## SECTION 15: REGULATORY INFORMATION

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

#### European Regulations

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

### 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out.



## SECTION 16: OTHER INFORMATION

### Revisions

March-2025 : Version 14.0 - Updates to sections 1, 2, 3, 9, 14, 15, 16

November-2025 : Version 14.1 - Updates to sections 15, 16

### Key literature references

RIFM database

REACH

Supplier information

### Full text of phrases used under section 2

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### Full text of phrases used under section 3

|      |                                      |
|------|--------------------------------------|
| H317 | May cause an allergic skin reaction. |
|------|--------------------------------------|

**We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and the conditions of use of the product are not within the control of dsm-firmenich, it is the user's obligation to determine conditions of safe use of the product.**

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