



## **MATERIAL SAFETY DATA SHEET (MSDS)**

According to REACH (EC 1907/2006) & CLP (EC 1272/2008)

### **AMBREGRIS SYNTH**

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#### SECTION 1: IDENTIFICATION

Product Name: Ambregris Synth

Product Code: 184120

Recommended Use:

Fragrance ingredient used in consumer product manufacturing

Restriction:

Not for personal use in this form or concentration

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Supplier:

AROMOLOGY

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#### SECTION 2: HAZARD IDENTIFICATION

GHS Classification

- Skin Sensitisation – Category 1B
- Aquatic Chronic Toxicity – Category 2

Signal Word:

**WARNING**

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Hazard Statements

- H317 – May cause an allergic skin reaction



- H411 – Toxic to aquatic life with long lasting effects
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#### Precautionary Statements

- Avoid release to the environment
  - Wear protective gloves and eye protection
  - Wash thoroughly after handling
  - IF ON SKIN: Wash with soap and water
  - If skin irritation occurs: Seek medical advice
  - Dispose according to local regulations
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#### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Mixture of aromatic substances

Contains trace component:

- Oxacyclohexadecan-2-one (<0.5%)
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#### SECTION 4: FIRST AID MEASURES

General:

Seek medical advice immediately in case of exposure

Eye Contact:

Rinse with water for at least 10 minutes

Skin Contact:

Wash thoroughly with water and remove contaminated clothing

Inhalation:

Move to fresh air and keep at rest

Ingestion:

Rinse mouth and seek medical attention



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## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media:

Use appropriate extinguishing agents

### Hazards:

No specific hazards identified

### Protection:

Avoid inhalation of fumes and use respiratory protection if necessary

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

- Avoid skin contact and inhalation
  - Eliminate ignition sources
  - Ensure adequate ventilation
  - Absorb with inert material
  - Prevent release into environment
  - Dispose according to regulations
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## SECTION 7: HANDLING AND STORAGE

### Handling:

Avoid contact with skin and eyes

Use PPE and maintain hygiene

Avoid heat and ignition sources

### Storage:

Store in tightly closed containers

Keep away from heat and extreme temperatures

Do not reuse empty containers

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## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits:

No occupational exposure limits established



PPE:

- Safety glasses
- Chemical-resistant gloves (nitrile/neoprene)
- Protective clothing

Respiratory Protection:

Use where ventilation is insufficient

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Physical State	Liquid
Colour	Colourless to pale yellow
Odour	Characteristic strong odour
Flash Point	>100 °C
Density	1.13 – 1.14
Flammability	Not flammable

(Data from supplier SDS)

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## SECTION 10: STABILITY AND REACTIVITY

- Stable under normal conditions
  - Avoid high temperatures
  - Avoid oxidising agents
  - No hazardous decomposition expected
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## SECTION 11: TOXICOLOGICAL INFORMATION

- LD50 oral: >2000 mg/kg
- No classification for acute toxicity



- Skin sensitisation potential present

No carcinogenic or mutagenic effects identified

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#### SECTION 12: ECOLOGICAL INFORMATION

- Not classified as ecotoxic
  - No detailed biodegradation data available
  - Avoid environmental release
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#### SECTION 13: DISPOSAL CONSIDERATIONS

Dispose as special waste in accordance with local regulations.  
Do not release into drains or environment.

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#### SECTION 14: TRANSPORT INFORMATION

Mode	Status
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ADR / IMDG / IATA Not regulated

✓ Not classified as dangerous goods

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#### SECTION 15: REGULATORY INFORMATION

Complies with:

- REACH Regulation (EC 1907/2006)
- CLP Regulation (EC 1272/2008)

No chemical safety assessment performed

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#### SECTION 16: OTHER INFORMATION

This MSDS is adapted from supplier documentation (dsm-firmenich) and reflects current regulatory data.

Information is provided for safe handling, storage, and use.