



SAFETY DATA SHEET (SDS)

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

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product Identifier

Product Name: Ambrox® Super

Manufacturer: dsm-firmenich

Chemical Name: (3aR,5aS,9aS,9bR)-3a,6,6,9a-Tetramethyldodecahydronaphtho[2,1-b]furan (single stereoisomer of Ambroxide)

CAS Number: 6790-58-5

Molecular Formula: C₁₆ H₂₈ O

Molecular Weight: 236.39 g/mol

1.2 Relevant Identified Uses

Fragrance ingredient.

Perfumery raw material.

For professional manufacture of fragrance compounds only.

1.3 Supplier

Aromology Trading LLC

G05 Al Ghazal Building

Nadd Al Hamar

Dubai

United Arab Emirates

Website: www.aromology.com

Email: info@aromology.com

1.4 Emergency Telephone

Refer to the local Poison Centre or emergency medical services.



SECTION 2: HAZARDS IDENTIFICATION

Classification (Regulation (EC) No. 1272/2008)

Based on currently available manufacturer and regulatory information, Ambrox® Super is not classified as a hazardous substance under CLP.

Signal Word

None

Hazard Statements

Not classified.

Precautionary Statements

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear suitable protective gloves and eye protection during industrial handling.

P501 Dispose of contents/container according to local regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Substance	Ambrox® Super
Manufacturer	dsm-firmenich
CAS Number	6790-58-5
Purity	≥99% (commercial grade)
Substance Type	Synthetic Aroma Chemical

SECTION 4: FIRST AID MEASURES

Inhalation

Move affected person to fresh air.



Seek medical advice if symptoms persist.

Skin Contact

Wash thoroughly with soap and water.

Remove contaminated clothing.

Eye Contact

Rinse immediately with plenty of water for at least 15 minutes.

Seek medical advice if irritation persists.

Ingestion

Rinse mouth.

Do not induce vomiting.

Obtain medical advice if symptoms occur.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media:

- Carbon dioxide
- Dry chemical powder
- Alcohol-resistant foam
- Water spray

Unsuitable extinguishing media:

- High-pressure water jet

Hazardous combustion products:

- Carbon monoxide
- Carbon dioxide
- Organic decomposition products

Firefighters should wear self-contained breathing apparatus.



SECTION 6: ACCIDENTAL RELEASE MEASURES

Avoid dust formation.

Avoid contact with skin and eyes.

Collect mechanically.

Dispose of according to local regulations.

Prevent release into drains and waterways.

SECTION 7: HANDLING AND STORAGE

Handle in accordance with good industrial hygiene practices.

Keep container tightly closed.

Store in a cool, dry, well-ventilated location.

Protect from:

- Heat
 - Moisture
 - Direct sunlight
 - Strong oxidising agents
-

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

Provide adequate ventilation.

Eye Protection

Safety glasses.

Hand Protection



Chemical-resistant gloves.

Respiratory Protection

Normally not required under recommended conditions of use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	White crystalline powder
Odour	Powerful ambergris, woody, musky, mineral, dry amber
Physical State	Crystalline solid
Melting Point	Approximately 75 °C
Flash Point	Approximately 161 °C
Density	Approximately 0.939 g/cm ³
Refractive Index	Approximately 1.48 (molten material)
Solubility	Insoluble in water; soluble in ethanol and fragrance oils

SECTION 10: STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Strong oxidising agents
- Excessive heat
- Open flames

Hazardous decomposition products:

- Carbon monoxide
 - Carbon dioxide
-

SECTION 11: TOXICOLOGICAL INFORMATION

Expected routes of exposure:

- Skin



- Eyes
- Inhalation

Low acute toxicity under normal industrial handling conditions.

May cause slight mechanical irritation following prolonged contact.

No significant toxicological hazards have been identified under normal conditions of professional use.

SECTION 12: ECOLOGICAL INFORMATION

Avoid uncontrolled release into the environment.

No significant environmental hazards have been identified for normal industrial use.

Prevent entry into drains and natural waterways.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of product and packaging in accordance with applicable local, regional and national regulations.

SECTION 14: TRANSPORT INFORMATION

UN Number: Not regulated

ADR/RID: Not regulated

IMDG: Not regulated

IATA: Not regulated

Packing Group: Not applicable

Marine Pollutant: No



SECTION 15: REGULATORY INFORMATION

Product: Ambrox® Super

Manufacturer: dsm-firmenich

CAS Number: 6790-58-5

Molecular Formula: C₁₆ H₂₈ O

Molecular Weight: 236.39 g/mol

Intended Use: Fragrance ingredient for professional perfumery.

SECTION 16: OTHER INFORMATION

This Safety Data Sheet has been prepared using available manufacturer information and published regulatory data for Ambrox® Super (dsm-firmenich).

The information contained herein is believed to be accurate at the date of issue but does not constitute a warranty of product properties. Users are responsible for determining the suitability of this material for their intended application and for complying with all applicable regulations.

Authorized by

Fozia Khot
Director
Aromology Trading LLC