



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: Ambroxan Crystals Natural

Chemical Name: Ambroxide

Synonyms: Ambroxan, Natural Ambroxide, Ambergris Odorant

CAS Number: 6790-58-5

EC (EINECS) Number: 229-861-2

Molecular Formula: C₁₆ H₂₈ O

Molecular Weight: 236.39 g/mol

INCI Name: Ambroxan

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 available manufacturer and supplier safety data, **Ambroxan Crystals Natural** is **not classified as hazardous** according to the CLP Regulation.

Signal Word

None

Hazard Statements

Not classified as hazardous.

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 in accordance with local regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Substance	Ambroxide (Natural)
CAS Number	6790-58-5
EC Number	229-861-2
Purity	Approximately 100%
Origin	Naturally derived from plant-based sclareol



Natural Ambroxide is produced from renewable plant-derived **sclareol** obtained from clary sage (*Salvia sclarea*), yielding the naturally occurring ambergris odorant Ambroxide.

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.

Seek 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:



- Direct water jet

Hazardous combustion products:

- Carbon monoxide
- Carbon dioxide

Firefighters should wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Avoid dust generation.

Avoid contact with skin and eyes.

Collect mechanically.

Prevent release into drains or waterways.

Dispose of according to applicable regulations.

SECTION 7: HANDLING AND STORAGE

Store in tightly closed containers.

Store in a cool, dry and well-ventilated place.

Protect from:

- Heat
- Direct sunlight
- Moisture

Avoid 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 flakes or crystals
Odour	Powerful ambergris, woody, dry, musky
Physical State	Crystalline solid
Melting Point	67–77 °C
Flash Point	Approximately 164 °C (Cleveland Open Cup)
Relative Density	Approximately 0.44 g/mL (bulk density)
Solubility	Soluble in ethanol and fragrance oils; practically insoluble in water

These values are consistent with published safety data for Ambroxan (CAS 6790-58-5).

SECTION 10: STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Strong oxidising agents
- Excessive heat
- Dust dispersion

Hazardous decomposition products:

- Carbon monoxide



- Carbon dioxide

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of exposure:

- Skin
- Eyes
- Inhalation

Published data indicate:

- Non-irritant to skin
- Non-irritant to eyes
- Negative in skin sensitisation testing
- Oral LD₅₀ (Rat) > 2,000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Not classified as hazardous to the aquatic environment.

Avoid unnecessary release into the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of product and packaging in accordance with 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

Chemical Name: Ambroxide

CAS Number: 6790-58-5

EC Number: 229-861-2

Molecular Formula: C₁₆ H₂₈ O

INCI Name: Ambroxan

Origin: Naturally derived from sclareol

Intended Use: Fragrance ingredient for professional perfumery.

SECTION 16: OTHER INFORMATION

This Safety Data Sheet has been prepared using published manufacturer and supplier safety information for **Natural Ambroxide (Ambroxan Crystals)**.

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

