



SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS) and Regulation (EC) No. 1907/2006 (REACH, as amended)

AMBROCENIDE® CRYSTALS

SECTION 1: Identification

Product Name: Ambrocenide® Cryst.

Manufacturer: Symrise

Product Number: 600199

CAS: 211299-54-6

Chemical Name:

(4aR,5R,7aS,9R)-Octahydro-2,2,5,8,8,9a-hexamethyl-4H-4a,9-methanoazuleno[5,6-d]-1,3-dioxole

Molecular Formula: C₁₈ H₃₀ O₂

Molecular Weight: 278.4 g/mol

Chemical Class: Acetal

Recommended Use: Professional fragrance ingredient / aroma chemical.

Odour: Powerful ambery, woody, dry amber.

Supplier

Aromology Trading LLC

G05 Al Ghazal Building

Nadd Al Hamar

Dubai, United Arab Emirates

Website: www.aromology.com

Email: info@aromology.com

Telephone: +971 505197601

SECTION 2: Hazard Identification

Available SDS documentation for CAS 211299-54-6 classifies the material for:

- Skin irritation – Category 2
- Serious eye irritation – Category 2A



Signal Word: WARNING

Hazard Statements:

H315 – Causes skin irritation.

H319 – Causes serious eye irritation.

Environmental classifications may differ according to jurisdiction and SDS version. A US supplier SDS additionally classifies aquatic acute and chronic hazards.

Precautionary Measures:

- Avoid contact with skin and eyes.
- Wash thoroughly after handling.
- Wear protective gloves.
- Wear suitable eye/face protection.
- Avoid uncontrolled environmental release.
- Ensure adequate ventilation during processing.

P302+P352: IF ON SKIN: Wash with plenty of soap and 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.

P337+P313: If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition / Information on Ingredients

Component	CAS Number	Typical Concentration
Ambrocenide®	211299-54-6	≥99% GC purity

Stabilizer: None.

This is a high-purity synthetic aroma chemical.

SECTION 4: First Aid Measures

Inhalation:

Move affected person to fresh air. Seek medical attention if symptoms persist.

Skin Contact:

Remove contaminated clothing. Wash skin thoroughly with soap and water. Obtain medical attention if irritation develops or persists.

**Eye Contact:**

Immediately rinse cautiously with clean water for at least 15 minutes. Remove contact lenses if easy to do. Seek medical attention if irritation persists.

Ingestion:

Rinse mouth. Do not induce vomiting unless instructed by medical personnel. Seek medical advice if significant quantities have been swallowed.

SECTION 5: Fire-Fighting Measures**Suitable Extinguishing Media:**

- Carbon dioxide
- Dry chemical powder
- Foam
- Water fog

Flash Point: >100°C

Thermal decomposition or combustion may generate:

- Carbon monoxide
- Carbon dioxide
- Irritating organic vapours

Firefighters should use suitable protective clothing and self-contained breathing apparatus where required.

SECTION 6: Accidental Release Measures

- Avoid skin and eye contact.
 - Wear appropriate PPE.
 - Prevent material from entering drains or waterways.
 - Collect spilled crystals mechanically where possible.
 - Absorb molten/liquid residues using inert absorbent material.
 - Place waste into appropriately labelled containers.
 - Dispose according to local regulations.
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SECTION 7: Handling and Storage**Handling:**

- Use with adequate ventilation.
- Avoid skin and eye contact.



- Avoid unnecessary inhalation of dust/vapour generated during processing.
- Observe good industrial hygiene.

Storage:

- Keep container tightly closed.
- Store in a cool, dry, well-ventilated location.
- Protect from excessive heat.
- Keep away from incompatible oxidising materials.

SECTION 8: Exposure Controls / Personal Protection**Engineering Controls:**

Provide adequate general or local exhaust ventilation.

Eye Protection:

Chemical safety glasses or goggles.

Hand Protection:

Suitable chemical-resistant gloves, preferably nitrile.

Skin Protection:

Protective clothing appropriate to the scale of handling.

Respiratory Protection:

Normally not required with adequate ventilation. Appropriate protection should be used where dust or vapour exposure cannot otherwise be controlled.

SECTION 9: Physical and Chemical Properties

Property	Specification / Data
Appearance	Pale white to white crystals
Odour	Powerful ambery, woody
Molecular Formula	C ₁₈ H ₃₀ O ₂
Molecular Weight	278.4 g/mol
CAS	211299-54-6
GC Purity	Minimum 99%
Flash Point	>100 °C
Boiling Point	309.2 °C
Log P (Kow)	6
Stabilizer	None
Occurrence in Nature	No
Chemical Class	Acetal



SECTION 10: Stability and Reactivity

Stable under recommended handling and storage conditions.

Avoid:

- Excessive heat
- Strong oxidising agents
- Incompatible reactive chemicals

No hazardous polymerisation is expected under normal conditions.

SECTION 11: Toxicological Information

Primary potential effects include:

Skin: Irritating to skin.

Eyes: Causes serious eye irritation.

Inhalation: Dust or vapour generated during processing may cause irritation.

Ingestion: May cause gastrointestinal discomfort.

Avoid unnecessary occupational exposure.

SECTION 12: Ecological Information

Because of the high Log P value, uncontrolled environmental release should be avoided.

Do not discharge concentrated material into:

- Drains
- Surface water
- Soil
- Sewage systems

Refer to the current manufacturer SDS for jurisdiction-specific aquatic classification and detailed ecotoxicological endpoints.

SECTION 13: Disposal Considerations



Dispose of material and contaminated packaging according to applicable local, national and regional chemical-waste regulations.

Do not dispose of concentrated material through drains.

SECTION 14: Transport Information

Transport classification should be taken from the current Symrise SDS applicable to the shipping jurisdiction and mode:

- ADR/RID
- IMDG
- IATA/ICAO
- DOT

Do not assign dangerous-goods classification from this representative document alone.

SECTION 15: Regulatory Information

Relevant frameworks include:

- EU REACH
- EU CLP
- Regulation (EC) No. 1223/2009 where used in cosmetics
- IFRA Standards
- Applicable national chemical legislation

EU REACH Registration:
01-0000017394-68

SECTION 16: Other Information

This document has been prepared from publicly available manufacturer and regulatory information for professional perfumery documentation.

For formal transport, workplace or regulatory submissions, the latest original Symrise SDS should take precedence.

Authorised by:
Fozia Khot
Director