



SAFETY DATA SHEET (SDS)

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

SECTION 1 – IDENTIFICATION

Product Name: Benzoin Siam Organic Resinoid 55% ETH

Alternative Names: Organic Benzoin Siam Resinoid 55% in Ethanol, Benzoin Siam Resin Extract 55% Ethanol

Botanical Name: *Styrax tonkinensis* (Pierre) Craib ex Hartwich

INCI Name: Styrax Tonkinensis Resin Extract

CAS Number: 9000-72-0

EC Number: 284-557-7

Product Type: Natural Resinoid Solution

Plant Part: Resin

Extraction Method: Solvent Extraction

Diluent: Organic Ethanol (55%)

Origin: Laos / Thailand

Grade: Certified Organic Perfumery Grade

Recommended Use: Professional Perfumery Raw Material

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

GHS Classification

Based primarily on the ethanol content (55%)

- Flammable Liquid – Category 2
- Eye Irritation – Category 2A
- Skin Sensitisation – Category 1
- Specific Target Organ Toxicity (Single Exposure) – Category 3 (Narcotic Effects)

Signal Word

Danger

Hazard Statements

- H225 Highly flammable liquid and vapour.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.

Precautionary Statements

- P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.
- P233 Keep container tightly closed.
- P240 Ground and bond container and receiving equipment.
- P261 Avoid breathing vapours.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves and eye protection.
- P303+P361+P353 IF ON SKIN (or hair): Remove contaminated clothing immediately. Rinse skin with water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
- P370+P378 In case of fire: Use dry chemical, alcohol-resistant foam or carbon dioxide.
- P403+P235 Store in a well-ventilated place. Keep cool.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	EC Number	Approximate Concentration
Organic Ethanol	64-17-5	200-578-6	55%



Benzoin Siam Resinoid (<i>Styrax tonkinensis</i>)	9000-72-0	284-557-7	45%
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Typical Naturally Occurring Constituents of the Resinoid

- Benzoic Acid
 - Coniferyl Benzoate
 - Benzyl Benzoate
 - Vanillin
 - Resin Acids
 - Trace Cinnamic Acid Derivatives
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SECTION 4 – FIRST AID MEASURES

Inhalation: Remove exposed person to fresh air. Obtain medical advice if symptoms persist.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing.

Eye Contact: Flush cautiously with water for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion: Rinse mouth. Do not induce vomiting. Seek immediate medical advice.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

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

Unsuitable Extinguishing Media

Do not use a direct water jet.

Hazardous Combustion Products

Carbon monoxide, carbon dioxide and irritating organic vapours.



SECTION 6 – ACCIDENTAL RELEASE MEASURES

Remove all ignition sources.

Ensure adequate ventilation.

Wear suitable PPE.

Contain spill with inert absorbent material.

Prevent entry into drains and waterways.

Transfer to approved waste containers.

SECTION 7 – HANDLING AND STORAGE

Handle away from ignition sources.

Avoid inhalation of vapours.

Keep container tightly closed.

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

Protect from direct sunlight and oxidising agents.

Recommended Storage Temperature: 10–20 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Chemical splash goggles
 - Nitrile gloves
 - Protective clothing
 - Local exhaust ventilation
 - Organic vapour respirator where ventilation is inadequate
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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear to slightly viscous liquid
Colour	Golden Brown to Amber Brown
Odour	Sweet balsamic, vanilla, warm resinous
Relative Density (20 °C)	0.930–0.980
Refractive Index (20 °C)	1.490–1.530
Flash Point	Approximately 22 °C (due to ethanol content)
Solubility	Completely soluble in ethanol
Solubility in Water	Partially soluble

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid

- Heat
- Sparks
- Open flames
- Static discharge
- Strong oxidising agents

Hazardous Decomposition Products

Carbon monoxide and carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

May cause skin sensitisation.

May cause eye irritation.

High vapour concentrations may cause dizziness due to ethanol.

SECTION 12 – ECOLOGICAL INFORMATION



Avoid release into the environment.

No significant environmental hazard is expected under normal conditions of professional use.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose through an authorised waste contractor in accordance with applicable local regulations.

Do not discharge into drains or waterways.

SECTION 14 – TRANSPORT INFORMATION

Regulation	Status
UN Number	UN1170
Proper Shipping Name	Ethanol Solution
ADR/RID	Class 3
IMDG	Class 3
IATA	Class 3
Packing Group	II

SECTION 15 – REGULATORY INFORMATION

Prepared in accordance with:

- GHS Revision 9
- OSHA Hazard Communication Standard (29 CFR 1910.1200)
- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EU) 2020/878

SECTION 16 – OTHER INFORMATION

Benzoin Siam Organic Resinoid 55% ETH is a professional perfumery material consisting of natural Benzoin Siam resinoid dissolved in 55% organic ethanol. It exhibits a rich balsamic, vanilla, caramel and warm resinous aroma with excellent fixative properties,



making it widely used in amber, oriental, gourmand, incense and woody fragrance compositions. Due to the ethanol content, the product should be handled as a flammable liquid.

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