



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

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

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BENZOIN SIAM 50% IN TEC (NATURAL)

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### SECTION 1: IDENTIFICATION

Product Name: Benzoin Siam 50% in TEC (Natural)

Product Code: M\_0067632

CAS: Mixture

Recommended Use:

Fragrance, flavour, and aromatical ingredient for industrial use

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Supplier:

AROMOLOGY

G05 Alghazal Building

Nadd Al Hamar

Dubai, United Arab Emirates

Email: [info@aromology.com](mailto:info@aromology.com)

Website: [www.aromology.com](http://www.aromology.com)

Emergency Contact:

Local emergency services / Poison Control

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### SECTION 2: HAZARD IDENTIFICATION

CLP Classification

- Skin Irritation – Category 2
- Skin Sensitisation – Category 1
- Serious Eye Damage – Category 1
- STOT RE – Category 1 (Prolonged exposure)

Signal Word:

DANGER



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### Hazard Statements

- H315 – Causes skin irritation
- H317 – May cause an allergic skin reaction
- H318 – Causes serious eye damage
- H372 – Causes damage to organs through prolonged or repeated exposure

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### Precautionary Statements

- P261 – Avoid breathing vapours
- P270 – Do not eat, drink or smoke when using this product
- P272 – Contaminated clothing should not leave workplace
- P280 – Wear protective gloves / eye / face protection

### Response

- P305 + P351 + P338 + P310 – IF IN EYES: Rinse cautiously and immediately seek medical attention
- P302 + P352 – IF ON SKIN: Wash with soap and water
- P333 + P313 – If skin irritation or rash occurs: Seek medical advice
- P362 – Remove contaminated clothing before reuse
- P314 – Get medical advice if unwell

### Disposal

- P501 – Dispose according to regulations

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## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

### Mixture Composition

Component	CAS	Approx %	Classification
Benzoic Acid	65-85-0	~10%	Skin Irrit. 2, Eye Dam. 1, STOT RE 1



Component	CAS	Approx %	Classification
Vanillin	121-33-5	~1%	Eye Irrit. 2
Ethanol	64-17-5	~1%	Flammable Liquid 2, Eye Irrit. 2
Benzyl Benzoate	120-51-4	~0.5%	Acute Tox. 4, Aquatic Acute 1
Isoeugenol	97-54-1	Trace	Skin Sens. 1A, Irritant

Balance: Benzoin Siam extract + TEC solvent

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#### SECTION 4: FIRST AID MEASURES

##### Eye Contact:

Rinse cautiously with water for several minutes. Seek immediate medical attention.

##### Skin Contact:

Wash thoroughly with soap and water. Remove contaminated clothing.

##### Inhalation:

Move to fresh air and keep comfortable.

##### Ingestion:

Rinse mouth. Do NOT induce vomiting. Seek medical attention.

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#### SECTION 5: FIRE-FIGHTING MEASURES

##### Extinguishing Media:

Water spray, CO<sub>2</sub>, foam

##### Hazards:

Avoid inhalation of vapours. Combustion may release fumes

##### Protection:

Use self-contained breathing apparatus



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## SECTION 6: ACCIDENTAL RELEASE MEASURES

- Absorb with inert material (sand, earth)
- Prevent environmental release
- Collect and dispose safely

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## SECTION 7: HANDLING AND STORAGE

### Handling:

- Avoid contact with skin and eyes
- Avoid inhalation
- Ensure good ventilation
- Keep away from heat, sparks, flames

### Storage:

- Store in original container
- Keep in cool, dry, well-ventilated area
- Protect from heat and ignition sources

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## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits:

- Ethanol: up to 1000 ppm (varies by region)

### PPE:

- Safety glasses (EN166)
- Chemical-resistant gloves (EN374)
- Protective clothing

### Respiratory Protection:

Use if ventilation insufficient



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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Physical State	Liquid
Colour	Red to Brown
Odour	Characteristic
Flash Point	>100 °C
Density	1.18 – 1.19
Vapour Pressure	2.39 mmHg

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## SECTION 10: STABILITY AND REACTIVITY

- Stable under normal conditions
- Avoid heat and ignition sources
- Avoid oxidising agents

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## SECTION 11: TOXICOLOGICAL INFORMATION

- LD50 Oral: >5000 mg/kg
- LD50 Dermal: >5000 mg/kg

### Effects:

- Skin irritation
- Eye damage
- Sensitisation
- Organ toxicity (prolonged exposure)



#### SECTION 12: ECOLOGICAL INFORMATION

- No detailed ecotoxicity data available
  - Avoid release into environment
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#### SECTION 13: DISPOSAL CONSIDERATIONS

Dispose according to local regulations.  
Do not release into environment.

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#### SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous goods for transport (ADR / IMDG / IATA)

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#### SECTION 15: REGULATORY INFORMATION

- WGK 1 – Low hazard to water
  - Complies with REACH / CLP regulations
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#### SECTION 16: OTHER INFORMATION

This MSDS is based on supplier documentation and current regulatory data.  
No warranty expressed or implied.