



MATERIAL SAFETY DATA SHEET (MSDS)

According to UN GHS (Latest Edition)

SECTION 1: IDENTIFICATION

Product Name: Birch Tar (Rectified)

Contains: 2-Methoxy-4-methylphenol, Guaiacol, Eugenol, Isoeugenol

CAS (mixture): Not assigned (mixture)

Recommended Use:

Fragrance ingredient (professional use only)

Supplier:

AROMOLOGY TRADING LLC

G15 Union Coop Mall

Nadd Al Hamar

Dubai, United Arab Emirates

Email: info@aromology.com

Website: www.aromology.com

Emergency Contact:

Local emergency services / Poison Control according to country regulations

SECTION 2: HAZARD IDENTIFICATION

GHS Classification

- Acute Toxicity (Oral) – Category 4
- Skin Corrosion – Category 1B
- Skin Sensitisation – Category 1
- Aquatic Chronic Toxicity – Category 2

Signal Word:

DANGER

Hazard Statements



AROMOLOGY

- H302: Harmful if swallowed
- H314: Causes severe skin burns and eye damage
- H317: May cause an allergic skin reaction
- H411: Toxic to aquatic life with long lasting effects

Precautionary Statements

- P260 – Do not breathe vapour or dust
- P264 – Wash hands thoroughly after handling
- P270 – Do not eat, drink or smoke when using this product
- P272 – Contaminated clothing should not leave workplace
- P273 – Avoid release to the environment
- P280 – Wear protective gloves / eye protection / face protection

Response

- P301 + P312 – IF SWALLOWED: Call POISON CENTER if unwell
- P301 + P330 + P331 – Rinse mouth. Do NOT induce vomiting
- P303 + P361 + P353 – IF ON SKIN: Remove contaminated clothing, rinse skin
- P304 + P340 – IF INHALED: Move to fresh air
- P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water
- P310 – Immediately call a doctor
- P333 + P313 – If skin irritation occurs: Get medical advice
- P363 – Wash contaminated clothing before reuse
- P391 – Collect spillage
- P405 – Store locked up
- P501 – Dispose according to regulations

Other Hazards: None identified



SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Mixture Composition

| Component | CAS | % | Classification |
|--------------------------|-----------|--------|---------------------------------------|
| 2-Methoxy-4-methylphenol | 93-51-6 | 10–25% | Acute Tox. 4, Skin Irrit., Sensitiser |
| Guaiacol | 90-05-1 | 5–10% | Acute Tox. 4, Skin Irrit. |
| alpha-Cedrene | 469-61-4 | 5–10% | Asp. Tox. 1, Aquatic Chronic 1 |
| 2,6-Dimethoxyphenol | 91-10-1 | 1–5% | Acute Tox. 4 |
| 2-Methoxy-4-propylphenol | 2785-87-7 | 1–5% | Skin Sens. 1B |
| 3,4-Xylenol | 95-65-8 | 1–5% | Acute Tox. 3, Skin Corr. 1B |
| Eugenol | 97-53-0 | 1–5% | Skin Sens. 1B |
| Isoeugenol | 97-54-1 | 1–5% | Skin Sens. 1A |
| o-Cresol / p-Cresol | Various | 1–5% | Skin Corr. 1B |
| d-Limonene | 5989-27-5 | <1% | Flam. Liq. 3, Skin Sens. 1B |

SECTION 4: FIRST AID MEASURES

Inhalation:

Move to fresh air and keep at rest.

Eye Contact:

Rinse cautiously with water for several minutes.

Skin Contact:

Remove contaminated clothing and rinse skin thoroughly.

Ingestion:

Call POISON CENTER immediately. Do NOT induce vomiting.

Key Symptoms:

- Harmful if swallowed



- Severe skin burns and eye damage
 - Allergic skin reaction
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SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media:

CO₂, dry chemical, foam

Hazards:

Releases carbon monoxide and organic compounds when burned

Protection:

Use self-contained breathing apparatus

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Avoid inhalation and contact
 - Ventilate area
 - Absorb with inert material (sand, powder)
 - Prevent entry into drains
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SECTION 7: HANDLING AND STORAGE

Handling:

Avoid inhalation, contact, and ignition sources

Storage:

- Store in cool, ventilated area
- Keep container tightly closed
- Use explosion-proof equipment
- Prevent static discharge



SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: Not applicable

PPE:

- Gloves
- Eye/face protection
- Protective clothing

Respiratory Protection:

Use respirator in high exposure conditions

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| Property | Value |
|----------------------|---------------|
| Flash Point | > 93.5 °C |
| Explosion Hazard | None |
| Oxidising Properties | Not expected |
| Appearance | Not specified |
| Odour | Not specified |

SECTION 10: STABILITY AND REACTIVITY

- Stable under normal conditions
- Avoid strong acids, alkalis, oxidising agents
- No hazardous reactions expected



SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:

- Oral ATE: 662
- Dermal ATE: 2754

Effects:

- Severe skin burns
- Eye damage
- Skin sensitisation

No evidence of:

- Carcinogenicity
- Mutagenicity
- Reproductive toxicity

SECTION 12: ECOLOGICAL INFORMATION

- Toxic to aquatic life with long lasting effects
- Persistence: Not available
- Bioaccumulation: Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with local regulations.
Do not release into drainage systems or environment.

SECTION 14: TRANSPORT INFORMATION

UN Number: UN 3082

Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (alpha-



cedrene)

Class: 9

Packing Group: III

Marine Pollutant: Yes

Applicable to ADR / IMDG / IATA

SECTION 15: REGULATORY INFORMATION

No additional regulatory requirements specified.

SECTION 16: OTHER INFORMATION

This MSDS is based on supplier data and is believed to be accurate at the time of preparation.

No warranty expressed or implied.

Prepared for: Aromology Trading LLC

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