



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: Wild Juniper Tar

Alternative Names: Cade Oil, Juniper Tar Oil, Cade Essential Oil

Botanical Name: *Juniperus oxycedrus* L.

INCI Name: Juniperus Oxycedrus Wood Tar

CAS Number: 8013-10-3

EC Number: 289-969-3

Product Type: Natural Wood Tar Oil

Plant Part: Heartwood

Extraction Method: Dry Destructive Distillation (Pyrolysis)

Origin: Mediterranean Region

Grade: Wild

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

- Acute Toxicity (Oral) – Category 4
- Skin Irritation – Category 2
- Skin Sensitisation – Category 1
- Eye Irritation – Category 2A
- Aspiration Hazard – Category 1
- Hazardous to the Aquatic Environment (Chronic) – Category 2

Signal Word

Danger

Hazard Statements

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

- P261 Avoid breathing vapours or fumes.
 - P264 Wash thoroughly after handling.
 - P273 Avoid release to the environment.
 - P280 Wear protective gloves, protective clothing and eye protection.
 - P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE or physician.
 - P331 Do NOT induce vomiting.
 - P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 - P333+P313 If skin irritation or rash occurs: Get medical advice.
 - P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
 - P391 Collect spillage.
 - P501 Dispose of contents/container according to local regulations.
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SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Wild Juniper Tar (Cade Oil)
Botanical Name	<i>Juniperus oxycedrus</i> L.
INCI Name	Juniperus Oxycedrus Wood Tar
CAS Number	8013-10-3
EC Number	289-969-3
Purity	100% Natural Wood Tar Oil

Typical Naturally Occurring Constituents

- Guaiacol
- Creosol
- o-Cresol
- m-Cresol
- p-Cresol
- Phenol (trace)
- Cadinene
- Cedrol
- Cedrene
- Sesquiterpenes
- Phenolic derivatives

SECTION 4 – FIRST AID MEASURES

Inhalation

Move exposed person to fresh air. Obtain medical attention if symptoms persist.

Skin Contact

Wash immediately with soap and plenty of water. Remove contaminated clothing.

Eye Contact

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

Ingestion

Do NOT induce vomiting. Seek immediate medical attention due to aspiration hazard.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

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

Unsuitable Media

Direct water jet.

Hazardous Combustion Products

- Carbon monoxide
 - Carbon dioxide
 - Dense smoke
 - Phenolic fumes
 - Irritating organic vapours
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SECTION 6 – ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment.

Prevent release into drains and waterways.

Absorb with sand or inert absorbent.

Collect into suitable waste containers.

SECTION 7 – HANDLING AND STORAGE

Use only with adequate ventilation.

Avoid inhalation of vapours.

Avoid prolonged contact with skin.



Store tightly closed in a cool, dry place away from heat, sunlight and oxidising agents.

Recommended Storage Temperature: 5–20 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Chemical safety goggles
 - Nitrile gloves
 - Protective laboratory clothing
 - Local exhaust ventilation
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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Highly viscous liquid
Colour	Dark Brown to Nearly Black
Odour	Intense smoky, leathery, burnt wood, phenolic, tar-like
Relative Density (20 °C)	1.020–1.080
Refractive Index (20 °C)	1.510–1.560
Flash Point	>100 °C
Solubility	Insoluble in water
Solubility	Soluble in ethanol and fixed oils

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Strong oxidising agents
- Excessive heat
- Open flames
- Prolonged exposure to air

Hazardous decomposition products include carbon monoxide, carbon dioxide, smoke and phenolic decomposition products.



SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Exposure

- Skin
- Eyes
- Inhalation
- Ingestion

May cause skin irritation, eye irritation and allergic skin reactions.

Harmful if swallowed.

Aspiration into the lungs may result in chemical pneumonitis.

Repeated exposure to concentrated vapours should be avoided.

SECTION 12 – ECOLOGICAL INFORMATION

Toxic to aquatic organisms with long-lasting effects.

Avoid uncontrolled release into the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

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

SECTION 14 – TRANSPORT INFORMATION

Regulation	Status
UN Number	UN3082
Proper Shipping Name	Environmentally Hazardous Substance, Liquid, N.O.S. (Juniper Tar Oil)
ADR/RID	Class 9
IMDG	Class 9
IATA	Class 9
Packing Group	III



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
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SECTION 16 – OTHER INFORMATION

Wild Juniper Tar (Cade Oil) is a traditional natural perfumery material produced by the dry destructive distillation of the heartwood of *Juniperus oxycedrus*. It possesses an intensely smoky, leathery, burnt wood and phenolic aroma with exceptional substantivity. Cade Oil is widely used in leather accords, birch tar recreations, incense compositions, oud accords, smoky woods and niche perfumery where a deep, authentic smoky character is desired.

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