



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 Black Cardamom Essential Oil

Botanical Name: *Amomum subulatum* Roxb.

INCI Name: *Amomum Subulatum* Seed Oil

EU CAS Number: 8000-66-6

EC Number: 616-915-9

Product Type: Natural Essential Oil

Plant Part: Seeds (Dried Capsules)

Extraction Method: Steam Distillation

Origin: Nepal

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

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

Signal Word

Danger

Hazard Statements

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 mists.
- P273 Avoid release to the environment.
- P280 Wear protective gloves 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.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Wild Black Cardamom Essential Oil
Botanical Name	<i>Amomum subulatum</i> Roxb.



EU CAS Number 8000-66-6
EC Number 616-915-9
Purity 100% Pure Steam Distilled Essential Oil

Typical Naturally Occurring Constituents

- 1,8-Cineole
- α -Pinene
- β -Pinene
- Sabinene
- α -Terpineol
- Limonene
- Myrcene
- Terpinolene
- Nerolidol
- Spathulenol

SECTION 4 – FIRST AID MEASURES

Inhalation

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

Skin Contact

Wash thoroughly with soap and water. Remove contaminated clothing.

Eye Contact

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

Ingestion

Do NOT induce vomiting. Obtain 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
- Smoke
- Irritating organic vapours

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Wear suitable personal protective equipment.

Prevent entry into drains and waterways.

Absorb with sand or other inert absorbent.

Collect into suitable waste containers.

SECTION 7 – HANDLING AND STORAGE

Use with adequate ventilation.

Avoid prolonged skin and eye contact.

Store tightly closed 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
 - Adequate local exhaust ventilation
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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear mobile liquid
Colour	Colourless to Pale Yellow
Odour	Fresh, camphoraceous, smoky, spicy, woody, balsamic
Relative Density (20 °C)	0.900–0.940
Refractive Index (20 °C)	1.460–1.485
Flash Point	>55 °C
Solubility	Insoluble in water
Solubility	Soluble in ethanol

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid strong oxidising agents, excessive heat, open flames and prolonged exposure to air.

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

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Exposure

- Skin
- Eyes
- Inhalation
- Ingestion

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

Aspiration into the lungs may result in chemical pneumonitis.

Not classified as carcinogenic, mutagenic or toxic for reproduction.



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 regulations.

SECTION 14 – TRANSPORT INFORMATION

Regulation	Status
UN Number	UN3082
Proper Shipping Name	Environmentally Hazardous Substance, Liquid, N.O.S. (Cardamom 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 Black Cardamom Essential Oil is obtained by steam distillation of the dried fruits of *Amomum subulatum*. It possesses a distinctive fresh, camphoraceous, smoky and spicy



aroma dominated by naturally occurring 1,8-cineole, making it a valuable ingredient for fine fragrance, incense, woody accords, oriental fragrances and natural perfumery.

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