



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

Parameter	Details
Product Name	Premium Black Pepper Essential Oil
Botanical Name	<i>Piper nigrum</i> L.
INCI Name	Piper Nigrum (Black Pepper) Fruit Oil
Plant Part	Dried Fruits (Peppercorns)
Extraction Method	Steam Distillation
Product Type	100% Pure Natural Essential Oil
CAS Number	8006-82-4
EC Number	284-524-7
FEMA Number	2845
Physical State	Liquid

1.2 Relevant Identified Uses

- Professional perfumery
- Cosmetic ingredient
- Aromatherapy
- Home fragrance
- Soap manufacture

1.3 Uses Advised Against

- Internal consumption
- Pharmaceutical use unless authorised
- Undiluted skin application

1.4 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



1.5 Emergency Telephone

Contact the nearest Poison Centre or emergency medical service.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification (CLP)

Hazard Class	Category	Hazard Statement
Flammable Liquid	3	H226
Aspiration Hazard	1	H304
Skin Irritation	2	H315
Eye Irritation	2	H319
Skin Sensitisation	1	H317
Aquatic Acute	1	H400
Aquatic Chronic	1	H410

The classification reflects published SDS information for steam-distilled Black Pepper Essential Oil.

2.2 Label Elements

Signal Word: Danger

Hazard Statements

- H226 Flammable liquid and vapour.
- 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.
- H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements

- P210 Keep away from heat, sparks and open flames.
 - P261 Avoid breathing vapours.
 - P273 Avoid release to the environment.
 - P280 Wear protective gloves and eye protection.
 - P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE.
 - P331 Do NOT induce vomiting.
 - P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 - 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.
-



2.3 Other Hazards

Contains naturally occurring terpenes including:

- α -Pinene
- β -Pinene
- Sabinene
- Limonene
- β -Caryophyllene
- δ -3-Carene

Natural composition varies between harvests and origin.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Representative Constituent	Typical Content
Sabinene	15–30%
Limonene	10–25%
β -Caryophyllene	10–25%
α -Pinene	5–15%
β -Pinene	5–15%
δ -3-Carene	5–20%
Myrcene	1–5%
Other Naturally Occurring Terpenes	Balance

Representative composition based on published GC profiles for steam-distilled Black Pepper Essential Oil.

SECTION 4: FIRST AID MEASURES

Inhalation

Move affected person to fresh air.

Seek medical attention 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.

Obtain medical attention if irritation continues.



Ingestion

Do not induce vomiting.

Immediately obtain medical attention due to aspiration hazard.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

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

Unsuitable Media

Direct water jet.

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide
- Irritating organic fumes

Firefighters should wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Prevent entry into drains.
- Absorb with sand or inert absorbent.
- Collect into suitable disposal containers.
- Ventilate contaminated area.

SECTION 7: HANDLING AND STORAGE

Handling

- Avoid contact with skin and eyes.
- Use adequate ventilation.
- Avoid inhalation of concentrated vapours.

Storage

Store:

- Between 5–25 °C



- In tightly sealed containers
- Away from ignition sources
- Protected from sunlight and oxidising agents

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Protection	Recommendation
Eye Protection	Safety goggles
Hand Protection	Nitrile gloves
Skin Protection	Protective clothing
Respiratory Protection	Organic vapour respirator where ventilation is inadequate

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Typical Value
Appearance	Clear mobile liquid
Colour	Pale yellow to light amber
Odour	Fresh, dry, spicy, woody, peppery
Relative Density (20 °C)	0.860–0.890
Refractive Index (20 °C)	1.470–1.495
Optical Rotation	-25° to +10°
Flash Point	45–55 °C
Solubility	Insoluble in water; soluble in ethanol

Representative values compiled from published supplier specifications.

SECTION 10: STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Heat
- Flames
- Strong oxidising agents
- Prolonged air exposure

SECTION 11: TOXICOLOGICAL INFORMATION

May cause:

- Skin irritation
- Eye irritation
- Allergic skin reaction
- Aspiration hazard if swallowed



SECTION 12: ECOLOGICAL INFORMATION

- Very toxic to aquatic organisms.
- Avoid environmental release.
- Components are expected to be biodegradable.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents and packaging through an authorised waste contractor in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION

Parameter	Information
UN Number	UN1993
Proper Shipping Name	Flammable Liquid, N.O.S. (Contains Black Pepper Essential Oil)
Hazard Class	3
Packing Group	III

SECTION 15: REGULATORY INFORMATION

Prepared with reference to:

- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EU) 2020/878
- Regulation (EC) No. 1272/2008 (CLP)
- Regulation (EC) No. 1223/2009 (Cosmetics)
- Current IFRA Standards

SECTION 16: OTHER INFORMATION

Shelf Life

24 months when stored under recommended conditions.



DISCLAIMER

This Safety Data Sheet applies to Premium Black Pepper Essential Oil, a 100% pure steam-distilled essential oil obtained from the dried fruits of *Piper nigrum* L. As a natural botanical product, chemical composition, colour and odour may vary between production batches depending on origin, harvest season and distillation parameters. Batch-specific analytical data supplied by the original producer shall take precedence where available.

This material is intended exclusively for professional perfumery and cosmetic manufacture. It is not intended for internal consumption and should be stored securely away from children.

AUTHORISED BY

Fozia Khot

Director

Aromology Trading LLC