



SAFETY DATA SHEET (SDS)

Product Name: Green Pepper Essential Oil

Supplier:

Aromology Trading LLC

G05 Al Ghazal Building, Nadd Al Hamar

Dubai, United Arab Emirates

Website: www.aromology.com

Email: info@aromology.com

Botanical Name: *Piper nigrum* L.

INCI Name: *Piper Nigrum (Green Pepper) Seed Oil*

CAS Number: 8006-82-4 / 84929-41-9

EC Number: 284-524-7

FEMA Number: 2845

Extraction Method: Steam Distillation

Plant Part: Green (Unripe) Peppercorns

Recommended Use: Perfumery raw material / fragrance ingredient

SECTION 1 – Identification

Product Identifier: Green Pepper Essential Oil

Synonyms

Green Pepper Oil

Piper nigrum Green Pepper Oil

Recommended Use

Professional fragrance ingredient for perfume manufacture.

SECTION 2 – Hazard Identification

GHS Classification



Flammable Liquid – Category 3

Aspiration Hazard – Category 1

Skin Irritation – Category 2

Skin Sensitisation – Category 1

Aquatic Acute – Category 1

Aquatic Chronic – Category 2

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.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

Keep away from heat, sparks and open flames.

Wear protective gloves and eye protection.

Avoid release to the environment.

IF SWALLOWED: Immediately call a POISON CENTRE or physician. Do NOT induce vomiting.



Collect spillage.

Dispose of contents/container in accordance with local regulations.

SECTION 3 – Composition / Information on Ingredients

Component	CAS Number	EC Number	Concentration
Green Pepper Essential Oil (<i>Piper nigrum</i>)	8006-82-4 / 84929-41-9	284-524-7	100%

SECTION 4 – First Aid Measures

Eye Contact

Flush immediately with water for at least 15 minutes.

Seek medical attention if irritation persists.

Skin Contact

Wash thoroughly with soap and water.

Remove contaminated clothing.

Seek medical advice if irritation or sensitisation develops.

Inhalation

Move to fresh air.

Seek medical advice if symptoms occur.

Ingestion

Immediately contact a physician or poison centre.

Do **NOT** induce vomiting.

SECTION 5 – Fire Fighting Measures



Suitable Extinguishing Media

Alcohol-resistant foam

Carbon dioxide

Dry chemical

Water spray

Hazardous Combustion Products

Carbon monoxide

Carbon dioxide

Protective Equipment

Wear self-contained breathing apparatus and protective clothing.

SECTION 6 – Accidental Release Measures

Prevent entry into drains and waterways.

Absorb with inert absorbent such as sand or vermiculite.

Collect into suitable labelled containers for disposal.

SECTION 7 – Handling and Storage

Handle in a well-ventilated area.

Avoid breathing vapours.

Store:

tightly closed

cool



dry

away from heat

away from ignition sources

away from oxidizing agents

Recommended storage temperature:

15–25 °C.

SECTION 8 – Exposure Controls / Personal Protection

Engineering Controls

Provide adequate ventilation.

Personal Protective Equipment

Eyes

Safety glasses or chemical goggles.

Hands

Chemical-resistant gloves (nitrile recommended).

Respiratory

Normally not required under adequate ventilation.

SECTION 9 – Physical and Chemical Properties

Property	Value
Appearance	Clear pale green to yellow-green liquid
Odour	Fresh, spicy, green pepper, warm
Specific Gravity (20 °C)	0.864 – 0.884
Refractive Index (20 °C)	1.474 – 1.492
Flash Point	46–50 °C
Water Solubility	Insoluble



Property	Value
Solubility	Soluble in ethanol and perfume solvents

Typical physical characteristics for Green Pepper Essential Oil include a clear pale green to yellow-green liquid, warm spicy aroma, density 0.864–0.884, refractive index 1.474–1.492, and flash point 46–50 °C.

SECTION 10 – Stability and Reactivity

Stable under recommended storage conditions.

Avoid:

Heat

Flames

Sparks

Strong oxidizing agents

Hazardous decomposition:

Carbon monoxide

Carbon dioxide

SECTION 11 – Toxicological Information

Likely routes of exposure:

Skin

Eyes

Inhalation

Ingestion

May cause:



Skin irritation

Allergic skin reaction

Aspiration hazard if swallowed

SECTION 12 – Ecological Information

Very toxic to aquatic organisms.

Avoid release into drains, waterways and soil.

SECTION 13 – Disposal Considerations

Dispose of contents and containers according to local, regional and national regulations.

SECTION 14 – Transport Information

Regulation		Classification
UN Number	UN 1993	
Proper Shipping Name	Flammable Liquid, N.O.S. (Contains Green Pepper Essential Oil)	
Hazard Class	3	
Packing Group	III	
Marine Pollutant	Yes	

SECTION 15 – Regulatory Information

Prepared in accordance with:

Globally Harmonized System (GHS)

CLP Regulation (EC) No. 1272/2008

OSHA Hazard Communication Standard (where applicable)



SECTION 16 – Other Information

Revision: 1.0

Issue Date: 30 June 2026

Recommended Use

Professional fragrance ingredient intended for perfume manufacture only.

Authorized by

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Director
Aromology Trading LLC