



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	Pimento Leaf Essential Oil
Alternative Names	Allspice Leaf Oil; Pimenta Leaf Oil
Botanical Name	<i>Pimenta dioica</i> (L.) Merr.
INCI Name	Pimenta Dioica Leaf Oil
Botanical Family	Myrtaceae
Plant Part	Leaves
Extraction Method	Steam Distillation
Product Type	Natural Essential Oil (Natural Complex Substance)
CAS Number	8006-77-7
EC Number	284-540-4
FEMA Number	2018
Physical Form	Liquid
Country of Origin	Jamaica (Representative)

1.2 Relevant Identified Uses

- Professional perfumery
- Cosmetic fragrance ingredient
- Soap and detergent fragrance
- Home fragrance
- Industrial fragrance manufacture
- Research and development

1.3 Uses Advised Against

- Internal consumption
- Pharmaceutical use
- Direct undiluted skin application
- Use by children

1.4 Supplier Details

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 Number

Contact the nearest Poison Centre or emergency medical service.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification (Representative)

Hazard Class	Category	Hazard Statement
Skin Sensitisation	Category 1	H317
Eye Irritation	Category 2	H319
Germ Cell Mutagenicity	Category 2	H341
Carcinogenicity	Category 2	H351

Some commercial suppliers also classify this material as an eye irritant and, depending on composition and jurisdiction, may include additional environmental or flammability classifications. The exact classification should be confirmed using the manufacturer's batch-specific SDS.

2.2 Label Elements

Signal Word: Warning

Hazard Statements

- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H341 Suspected of causing genetic defects.
- H351 Suspected of causing cancer.

Precautionary Statements

P201, P202, P261, P264, P272, P280, P302+P352, P305+P351+P338, P308+P313, P333+P313, P405 and P501.

2.3 Other Hazards

- Contains a high proportion of naturally occurring eugenol.
- Oxidation products may increase skin sensitisation.
- Spilled material presents a slipping hazard.
- Natural composition varies between harvests and production batches.



SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance

Component	CAS	Content
Pimento Leaf Essential Oil	8006-77-7	100%

3.2 Representative Natural Constituents

Constituent	Typical Range
Eugenol	65–85%
Chavicol	2–10%
Myrcene	1–6%
Limonene	0.5–5%
1,8-Cineole	0.5–5%
β-Caryophyllene	1–5%
Methyl Eugenol	Trace–2%
Other Natural Constituents	Balance

SECTION 4: FIRST-AID MEASURES

Inhalation

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

Skin Contact

Wash thoroughly with soap and water. Remove contaminated clothing. Seek medical advice if sensitisation or irritation develops.

Eye Contact

Immediately flush with water for at least 15 minutes. Remove contact lenses if present. Obtain medical attention.

Ingestion

Do not induce vomiting.

Immediately contact a Poison Centre or physician.

SECTION 5: FIRE-FIGHTING MEASURES



Suitable Extinguishing Media

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

Unsuitable Media

High-pressure water jet.

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide
- Irritating smoke
- Phenolic decomposition products

Firefighters should wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Remove ignition sources.
- Ensure adequate ventilation.
- Wear suitable PPE.
- Prevent release into drains and waterways.
- Absorb with inert material.
- Dispose through an authorised waste contractor.

SECTION 7: HANDLING AND STORAGE

Handling

- Avoid skin and eye contact.
- Avoid inhalation of vapours.
- Keep containers tightly closed.
- Observe good industrial hygiene.

Storage

Store:

- Between 5–20°C



- In tightly sealed containers
- Away from direct sunlight
- Away from oxidising agents
- In a cool, dry, well-ventilated area

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

Provide adequate local exhaust ventilation.

Eye Protection

Chemical safety goggles.

Hand Protection

Chemical-resistant nitrile gloves.

Skin Protection

Protective clothing.

Respiratory Protection

Organic vapour respirator where ventilation is inadequate.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Representative Value
Appearance	Clear pale yellow to amber liquid
Odour	Warm, spicy, clove-like, sweet
Relative Density (20 °C)	1.030–1.055
Refractive Index (20 °C)	1.528–1.540
Optical Rotation	–5° to +5°
Flash Point	Approximately 93–100 °C
Solubility	Insoluble in water; soluble in ethanol

Representative values only; batch-specific COA values shall prevail.



SECTION 10: STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Heat
- Open flames
- Oxidising agents
- Prolonged exposure to air and light

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

SECTION 11: TOXICOLOGICAL INFORMATION

Representative hazards include:

- Skin sensitisation
- Eye irritation
- Suspected mutagenicity
- Suspected carcinogenicity

These classifications are primarily associated with the naturally high eugenol content and other naturally occurring constituents.

SECTION 12: ECOLOGICAL INFORMATION

- Avoid uncontrolled release into the environment.
 - Harmful to aquatic organisms in concentrated form.
 - Poor water solubility.
 - Biodegradable under normal environmental conditions.
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SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of product and contaminated packaging through an authorised chemical waste contractor.

Do not discharge into drains or waterways.



SECTION 14: TRANSPORT INFORMATION

Parameter	Status
UN Number	Not Classified for Transport (Representative)
ADR/RID	Refer to current carrier requirements
IMDG	Refer to current carrier requirements
IATA	Refer to current carrier requirements

Transport status should always be confirmed using the manufacturer's current SDS.

SECTION 15: REGULATORY INFORMATION

Prepared with reference to:

- REACH Regulation (EC) No. 1907/2006
 - Regulation (EU) 2020/878
 - CLP Regulation (EC) No. 1272/2008
 - Cosmetic Regulation (EC) No. 1223/2009
 - Current IFRA Standards
 - ADR / IMDG / IATA Dangerous Goods Regulations
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SECTION 16: OTHER INFORMATION

Shelf Life

24 months under recommended storage conditions.

DISCLAIMER

This Safety Data Sheet has been prepared using representative information for Pimento Leaf Essential Oil (Allspice) (CAS 8006-77-7) obtained by steam distillation of the leaves of *Pimenta dioica*. As a Natural Complex Substance, the composition, eugenol content, physical properties and hazard classification may vary according to origin, harvest and production batch. The manufacturer's batch-specific SDS, Certificate of Analysis, GC/MS report, IFRA Certificate and EU Allergen Declaration shall take precedence where available.

This product is supplied exclusively as a professional perfumery raw material and is not intended for internal consumption.

AUTHORISED BY

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