



MATERIAL SAFETY DATA SHEET (MSDS)

According to REACH (EC 1907/2006) & CLP (EC 1272/2008)

DAVANA ESSENTIAL OIL

(Artemisia pallens)

SECTION 1: IDENTIFICATION

Product Name: Davana Essential Oil

INCI Name: *Artemisia Pallens (Davana) Leaf Oil*

CAS Number: 8016-03-3

EC Number: 295-155-6

Product Type: Natural Essential Oil

Recommended Use:

Fragrance, aromatherapy, and natural perfumery applications

Restriction:

Not intended for ingestion in this form or concentration

Supplier:

AROMOLOGY

G05 Alghazal Building

Nadd Al Hamar

Dubai, United Arab Emirates

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Website: www.aromology.com

SECTION 2: HAZARD IDENTIFICATION

Classification (CLP)

- Skin Sensitisation – Category 1
- Aquatic Chronic Toxicity – Category 3

Signal Word:



WARNING

Hazard Statements

- H317 – May cause an allergic skin reaction
 - H412 – Harmful to aquatic life with long lasting effects
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Precautionary Statements

- Avoid breathing vapours
 - Wear protective gloves / protective clothing / eye protection
 - IF ON SKIN: Wash with soap and water
 - If skin irritation or rash occurs: Seek medical advice
 - Avoid release to the environment
 - Dispose contents/container according to regulations
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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance (Natural Essential Oil)

Component	CAS	Concentration
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Davana Oil (<i>Artemisia pallens</i>)	8016-03-3	100%
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EU Allergens (Trace Levels)

- Beta-Caryophyllene (~0.16%)
- Linalool (~0.67%)
- Geraniol (~0.06%)
- Geranyl Acetate (~1.09%)
- Eugenol (~0.08%)
- Farnesol (~0.06%)
- Citral (trace)



- Alpha-Terpinene (trace)
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SECTION 4: FIRST AID MEASURES

Eye Contact:

Rinse with water for at least 15 minutes and seek medical attention if irritation persists

Skin Contact:

Wash thoroughly with soap and water

Inhalation:

Move to fresh air and seek medical advice if symptoms occur

Ingestion:

Rinse mouth. Do not induce vomiting. Seek immediate medical attention

✓ Based on SDS guidance

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point: ~97°C

Extinguishing Media:

Water mist, foam, dry chemical, CO₂

Hazards:

May release carbon monoxide and carbon dioxide during combustion

Protection:

Use self-contained breathing apparatus

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Avoid inhalation and contact
- Use inert absorbent material
- Prevent release into environment
- Ensure ventilation
- Dispose according to regulations



SECTION 7: HANDLING AND STORAGE

Handling:

Use good industrial hygiene practices

Avoid skin and eye contact

Ensure proper ventilation

Storage:

Store in tightly closed containers

Keep away from heat, light, and ignition sources

Store in cool environment

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

Not established

PPE:

- Safety goggles
- Chemical-resistant gloves (nitrile recommended)
- Protective clothing

Respiratory Protection:

Use if ventilation is insufficient

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Physical State	Liquid
Colour	Reddish gold
Odour	Sweet, herbaceous, fruity
Flash Point	~97 °C
Density	0.94 – 0.98



Property	Value
Refractive Index	1.479 – 1.491
Solubility	Insoluble in water

(Data from SDS page 4)

SECTION 10: STABILITY AND REACTIVITY

- Stable under normal conditions
 - Avoid strong oxidising agents
 - Avoid excessive heat
 - Thermal decomposition may release CO and CO₂
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SECTION 11: TOXICOLOGICAL INFORMATION

- LD50 oral: >5000 mg/kg
- LD50 dermal: >5000 mg/kg
- May cause skin irritation and sensitisation
- Vapours at high concentration may cause mild anesthetic effects

No carcinogenic classification identified

SECTION 12: ECOLOGICAL INFORMATION

- Harmful to aquatic life
- Biodegradable
- Low bioaccumulation potential
- Avoid environmental release



SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with local regulations.
Do not release into drains or waterways.
Use licensed waste disposal services where necessary

SECTION 14: TRANSPORT INFORMATION

Mode	Status
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ADR / IMDG / IATA	Not regulated
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✓ Not classified as dangerous goods

SECTION 15: REGULATORY INFORMATION

- No substances listed under major carcinogenic regulations
- Not regulated under US or EU hazardous frameworks

✓ Refer to allergen section for EU compliance

SECTION 16: OTHER INFORMATION

This MSDS is adapted from supplier documentation and reflects current regulatory data.
Information is provided for safe handling, storage, and use.