



SAFETY DATA SHEET (SDS)

Product Name: Nerolidol Natural
Chemical Name: Nerolidol (Natural)
IUPAC Name: 3,7,11-Trimethyl-1,6,10-dodecatrien-3-ol
CAS Number: 7212-44-4
EC Number: 230-597-5
FEMA Number: 2772
Product Type: Natural Aroma Chemical (Sesquiterpene Alcohol)
Source: Naturally isolated from essential oils (Cabreuva, Neroli, Jasmine, Ginger and other botanical sources).
Recommended Use: Fragrance ingredient for perfumery and cosmetic applications.
Supplier: Aromology Trading LLC
Issue Date: 22 August 2025
Version: 1.0

SECTION 1: IDENTIFICATION

Product Identifier: Nerolidol Natural

Recommended Use: Perfumery, cosmetics, personal care and fragrance applications.

Emergency Telephone: +971 505 197 601

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification

Hazard Class	Category
Skin Irritation	Category 2
Eye Irritation	Category 2A
Skin Sensitisation	Category 1B
Aquatic Chronic Toxicity	Category 3

Signal Word: Warning

Hazard Statements

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.



H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

P261 Avoid breathing vapours.

P264 Wash thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves and eye protection.

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.

P501 Dispose of contents/container according to local regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Concentration
Nerolidol (Natural)	7212-44-4	≥95%

SECTION 4: FIRST AID MEASURES

Inhalation

Move the 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.

Seek medical attention if irritation persists.

Ingestion

Rinse mouth.

Do not induce vomiting.

Seek medical advice if discomfort occurs.

Symptoms

Skin irritation.

Eye irritation.

Possible allergic skin reaction.

SECTION 5: FIREFIGHTING MEASURES

Suitable Extinguishing Media

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

Unsuitable Extinguishing Media

Direct water jet.

Hazardous Combustion Products

Carbon monoxide.

Carbon dioxide.

Organic decomposition products.

Protective Equipment



Self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Provide adequate ventilation.

Avoid contact with skin and eyes.

Prevent release into drains and waterways.

Absorb with inert absorbent material.

Dispose according to local regulations.

SECTION 7: HANDLING AND STORAGE

Handling

Use with adequate ventilation.

Avoid prolonged skin contact.

Avoid breathing vapours.

Observe good industrial hygiene practices.

Storage

Store below 25 °C.

Keep container tightly closed.

Protect from sunlight and moisture.

Store away from strong oxidising agents.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits



No occupational exposure limits established.

Engineering Controls

General mechanical ventilation.

Eye Protection

Safety goggles.

Skin Protection

Chemical-resistant gloves.

Respiratory Protection

Organic vapour respirator where ventilation is inadequate.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear colourless to pale yellow liquid
Odour	Soft woody, floral, fresh bark, green
Flash Point	Approximately 100 °C
Boiling Point	Approximately 276 °C
Relative Density @20 °C	0.870–0.885
Refractive Index @20 °C	1.485–1.492
Solubility	Insoluble in water; soluble in alcohol and perfumery solvents

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Stable under recommended conditions.

Chemical Stability

Stable under normal storage conditions.

Conditions to Avoid



Heat.

Strong oxidising agents.

Direct sunlight.

Hazardous Decomposition Products

Carbon oxides.

Organic decomposition products.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

- Skin
- Eyes
- Inhalation
- Ingestion

Effects

May cause skin irritation.

May cause eye irritation.

May cause allergic skin reaction.

No evidence of carcinogenicity, mutagenicity or reproductive toxicity based on available information.

SECTION 12: ECOLOGICAL INFORMATION

Avoid uncontrolled release into the environment.

Harmful to aquatic organisms with long-lasting effects.

Readily biodegradable under normal environmental conditions.



SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents and containers in accordance with local, national and international regulations.

Do not discharge into drains or waterways.

SECTION 14: TRANSPORT INFORMATION

Parameter	Information
UN Number	Not Regulated
Proper Shipping Name	Not Regulated
Hazard Class	Not Regulated
Packing Group	Not Applicable
Marine Pollutant	No

SECTION 15: REGULATORY INFORMATION

Prepared in accordance with:

- UN GHS (Latest Edition)
- Regulation (EC) No. 1272/2008 (CLP)
- Regulation (EC) No. 1907/2006 (REACH)
- Applicable IFRA Standards

SECTION 16: OTHER INFORMATION

This Safety Data Sheet provides guidance for the safe handling, storage and use of Nerolidol Natural in fragrance, cosmetic and personal care applications.

Nerolidol is a naturally occurring sesquiterpene alcohol present in numerous essential oils including Cabreuva, Neroli, Jasmine, Ginger, Lavender and Tea Tree. It is widely valued in perfumery for its soft woody, floral and fresh bark character and also functions as an effective fragrance fixative.



Prepared By:

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Company: Aromology Trading LLC

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