



SAFETY DATA SHEET (SDS)

Product Name: Lime Oil 5 Fold
Botanical Name: *Citrus aurantiifolia*
CAS Number: 8008-26-2
EC Number: 290-010-3
Product Type: Folded Essential Oil
Plant Part: Peel
Extraction Method: Cold Pressed followed by Fractional Distillation (5 Fold)
Recommended Use: Fragrance ingredient for perfumery and cosmetic applications.
Supplier: Aromology Trading LLC
Issue Date: 28 July 2025
Version: 1.0

SECTION 1: IDENTIFICATION

Product Identifier: Lime Oil 5 Fold

Recommended Use: Perfumery, cosmetics, aromatics and fragrance applications.

Emergency Telephone: +971 505 197 601

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification

Hazard Class	Category
Flammable Liquid	Category 3
Skin Irritation	Category 2
Skin Sensitisation	Category 1
Aspiration Hazard	Category 1
Aquatic Acute Toxicity	Category 1
Aquatic Chronic Toxicity	Category 1

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.

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 or physician.

P331 Do not induce vomiting.

P391 Collect spillage.

P501 Dispose of contents/container according to local regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Typical Range (%)
Lime Oil 5 Fold	8008-26-2	100
d-Limonene	5989-27-5	30–50
γ-Terpinene	99-85-4	10–20
β-Pinene	127-91-3	8–15
Citral	5392-40-5	2–6
Linalool	78-70-6	Trace–2

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.

Eye Contact

Flush cautiously with water for at least 15 minutes.

Seek medical attention if irritation persists.

Ingestion

Do not induce vomiting.

Rinse mouth and seek immediate medical attention.

Symptoms

Skin irritation, allergic skin reaction, eye irritation and aspiration hazard if swallowed.

SECTION 5: FIREFIGHTING MEASURES

Suitable Extinguishing Media

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

Unsuitable Extinguishing Media

Direct water jet.

Hazardous Combustion Products

Carbon monoxide

Carbon dioxide

Irritating organic vapours

Protective Equipment

Self-contained breathing apparatus and protective clothing.



SECTION 6: ACCIDENTAL RELEASE MEASURES

Avoid inhalation and skin or eye contact.

Remove ignition sources.

Provide adequate ventilation.

Prevent entry into drains and waterways.

Absorb using inert material such as sand or vermiculite.

Dispose according to local regulations.

SECTION 7: HANDLING AND STORAGE

Handling

Use in well-ventilated areas.

Avoid contact with skin and eyes.

Keep away from heat, sparks and flames.

Do not eat, drink or smoke while handling.

Storage

Store below 25 °C.

Protect from sunlight and air exposure.

Keep container tightly closed.

Store away from oxidising agents.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits



None established.

Engineering Controls

Provide adequate 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 pale yellow to yellow liquid
Odour	Fresh, strong lime peel, citrus
Flash Point	50–60 °C
Relative Density @20 °C	0.855–0.875
Refractive Index @20 °C	1.472–1.485
Optical Rotation	+35° to +60°
Solubility	Insoluble in water; soluble in alcohol and perfumery solvents
Flammability	Flammable liquid and vapour

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Conditions to Avoid



Heat, flames, sunlight and oxidising agents.

Hazardous Decomposition Products

Carbon oxides and irritating organic vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Skin

Eyes

Inhalation

Ingestion

Effects

Skin irritation.

May cause allergic skin reaction.

Eye irritation.

Respiratory irritation from concentrated vapours.

Aspiration hazard if swallowed.

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

SECTION 12: ECOLOGICAL INFORMATION

Very toxic to aquatic life with long-lasting effects.

Avoid release into the environment.

Contains naturally occurring terpene hydrocarbons with aquatic toxicity.



SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents and containers in accordance with local regulations.

Prevent contamination of drains and waterways.

SECTION 14: TRANSPORT INFORMATION

Parameter	Information
UN Number	UN 1169
Proper Shipping Name	Extracts, Aromatic, Liquid
Hazard Class	3
Packing Group	III
Marine Pollutant	Yes

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
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SECTION 16: OTHER INFORMATION

This Safety Data Sheet provides general safety, handling and storage information for **Lime Oil 5 Fold** intended for perfumery, cosmetic and aromatic applications.

Natural variation in composition may occur due to geographical origin, seasonal harvest and production batch.

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Company: Aromology Trading LLC

Issue Date: 28 July 2025

Version: 1.0