



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

Product Name: Clementine Essential Oil

Botanical Name: *Citrus clementina* Hort. ex Tanaka

INCI Name: Citrus Clementina Peel Oil

CAS Number: 8008-31-9

EC Number: 284-521-0

Product Type: Natural Essential Oil

Plant Part: Fresh Fruit Peel

Extraction Method: Cold Expression

Origin: Italy

Grade: Premium Perfumery Grade

Recommended Use: Professional perfumery, cosmetic and fragrance raw material.

Supplier

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

SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

- Flammable Liquid – Category 3
- Aspiration Hazard – Category 1
- Skin Irritation – Category 2
- Skin Sensitisation – Category 1
- Hazardous to the Aquatic Environment (Acute) – Category 1
- Hazardous to the Aquatic Environment (Chronic) – 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, open flames and hot surfaces.
- P233 Keep container tightly closed.
- 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.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice.
- P391 Collect spillage.
- P501 Dispose of contents/container according to local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Clementine Essential Oil
Botanical Name	<i>Citrus clementina</i> Hort. ex Tanaka
INCI Name	Citrus Clementina Peel Oil
CAS Number	8008-31-9
EC Number	284-521-0
Purity	100% Natural Essential Oil

Typical Naturally Occurring Constituents

- Limonene
- γ -Terpinene
- Myrcene
- α -Pinene
- β -Pinene



- Sabinene
 - Linalool
 - Citral
 - Terpinolene
 - β -Caryophyllene
-

SECTION 4 – FIRST AID MEASURES

Inhalation: Move the affected person to fresh air. Seek medical attention if symptoms persist.

Skin Contact: Remove contaminated clothing. Wash thoroughly with soap and water.

Eye Contact: Flush cautiously with water for at least 15 minutes. Seek medical advice if irritation persists.

Ingestion: Rinse mouth. Do not induce vomiting. Immediately obtain medical attention due to aspiration hazard.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

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

Hazardous Combustion Products

Carbon monoxide, carbon dioxide and irritating organic vapours.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Wear suitable personal protective equipment.

Eliminate all ignition sources.



Prevent release into drains and waterways.

Absorb with inert absorbent material and transfer into approved waste containers.

SECTION 7 – HANDLING AND STORAGE

Use only in well-ventilated areas.

Avoid breathing vapours.

Avoid contact with skin and eyes.

Store tightly closed in a cool, dry place away from heat, direct sunlight and oxidising agents.

Recommended Storage Temperature: 5–20 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Chemical safety goggles
 - Nitrile gloves
 - Protective clothing
 - Local exhaust ventilation
 - Organic vapour respirator where ventilation is inadequate
-

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear mobile liquid
Colour	Pale Yellow to Orange
Odour	Fresh, juicy, sweet citrus, sparkling, fruity
Relative Density (20 °C)	0.845–0.855
Refractive Index (20 °C)	1.472–1.478
Optical Rotation	+60° to +85°
Flash Point	Approximately 48 °C
Solubility in Water	Insoluble
Solubility	Soluble in ethanol and perfumery solvents



SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Heat
- Sparks
- Open flames
- Direct sunlight
- Strong oxidising agents
- Prolonged exposure to air

Hazardous decomposition products include carbon monoxide and carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause allergic skin reactions.

Contains naturally occurring limonene, which may oxidise during storage and increase sensitisation potential.

SECTION 12 – ECOLOGICAL INFORMATION

Very toxic to aquatic life with long lasting effects.

Avoid uncontrolled release into the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of product and packaging through an authorised waste disposal contractor in accordance with local regulations.



SECTION 14 – TRANSPORT INFORMATION

Regulation	Status
UN Number	UN1169
Proper Shipping Name	Extracts, Aromatic, Liquid
ADR/RID	Class 3
IMDG	Class 3
IATA	Class 3
Packing Group	III

SECTION 15 – REGULATORY INFORMATION

Prepared in accordance with:

- GHS Revision 9
 - OSHA Hazard Communication Standard (29 CFR 1910.1200)
 - Regulation (EC) No. 1907/2006 (REACH)
 - Regulation (EU) 2020/878
-

SECTION 16 – OTHER INFORMATION

Clementine Essential Oil is obtained by cold expression of the fresh peel of *Citrus clementina*. It possesses a bright, juicy, sweet citrus aroma with soft fruity nuances and excellent freshness. The oil is widely used in fine fragrance, personal care products, soaps and citrus accords. Due to its naturally high limonene content, it should be stored in tightly sealed containers protected from air and light to minimise oxidation and preserve quality. The product characteristics are consistent with recognised industry specifications for cold-pressed Clementine Essential Oil.

Document Version: 1.0

Issue Date: 10 July 2026

Prepared By:

Fozia Khot
Director