



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: Blood Orange Essential Oil

Alternative Names: Tarocco Blood Orange Oil, Blood Orange Peel Oil

Botanical Name: *Citrus sinensis* (L.) Osbeck

INCI Name: Citrus Sinensis Peel Oil Expressed

EU CAS Number: 8008-57-9

EC Number: 232-433-8

Product Type: Natural Essential Oil

Plant Part: Fruit Peel

Extraction Method: Cold Expression / Mechanical Pressing

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 (Chronic) – Category 2

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.
- H411 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.
- P302+P352 IF ON SKIN: Wash thoroughly with 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	Blood Orange Essential Oil – Tarocco
Botanical Name	<i>Citrus sinensis</i>
INCI Name	Citrus Sinensis Peel Oil Expressed
CAS Number	8008-57-9
EC Number	232-433-8
Purity	100% Natural Essential Oil

Typical Naturally Occurring Constituents

- d-Limonene
- Myrcene
- α -Pinene
- β -Pinene
- Linalool
- Octanal
- Decanal
- Citral



- Valencene
 - Sinensal
 - Trace furocoumarins may be present in expressed citrus oils
-

SECTION 4 – FIRST AID MEASURES

Inhalation: Move exposed person to fresh air. Seek medical advice if symptoms persist.

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

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

Ingestion: Do not induce vomiting. Obtain immediate medical attention due to aspiration hazard.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

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

Hazardous Combustion Products

Carbon monoxide, carbon dioxide and irritating organic vapours.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Remove ignition sources.

Wear suitable personal protective equipment.

Prevent release into drains and waterways.

Absorb with inert absorbent material and collect into suitable waste containers.

SECTION 7 – HANDLING AND STORAGE



Use only in well-ventilated areas.
Avoid contact with skin and eyes.
Keep container tightly closed.
Store away from heat, sparks, direct sunlight, air 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	Orange to Deep Orange
Odour	Sweet blood orange, juicy citrus, fruity, zesty, fresh
Relative Density (20 °C)	0.840–0.855
Refractive Index (20 °C)	1.470–1.480
Optical Rotation	+90° to +99°
Flash Point	43–49 °C
Solubility in Water	Insoluble
Solubility	Soluble in ethanol and perfumery solvents

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Strong oxidising agents
- Excessive heat
- Open flames
- Direct sunlight
- 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.

May cause skin irritation and allergic skin reactions.

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

Expressed citrus oils may contain trace furocoumarins; phototoxicity should be assessed by batch-specific analysis where required.

SECTION 12 – ECOLOGICAL INFORMATION

Toxic to aquatic organisms with long-lasting effects.

Avoid uncontrolled release into the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of contents and containers through an authorised waste contractor in accordance with local regulations.

Do not discharge into drains or waterways.

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

Blood Orange Essential Oil – Tarocco is obtained by cold expression of the peel of *Citrus sinensis* Tarocco variety. It has a bright, juicy and naturally sweet citrus profile with fresh orange, red fruit and zesty peel nuances. It is widely used in fine fragrance, citrus accords, colognes, gourmand compositions and fresh fruity perfumes.

Document Version: 1.0
Issue Date: 05 July 2026

Prepared By:
Fozia Khot
Director