



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 OF THE SUBSTANCE AND COMPANY

1.1 Product Identifier

Parameter	Details
Product Name	Orange Blossom Absolute
Synonyms	Orange Flower Absolute, Bitter Orange Blossom Absolute
Botanical Name	<i>Citrus aurantium</i> var. <i>amara</i>
Botanical Family	Rutaceae
Plant Part	Flowers
INCI Name	Citrus Aurantium Amara (Bitter Orange) Flower Extract
CAS Number	8030-28-2
Alternative CAS	72968-50-4
EC Number	277-143-2
FEMA	2818
Origin	Morocco
Extraction Method	Solvent Extraction
Product Type	Natural Complex Substance / Botanical Absolute

1.2 Relevant Identified Uses

- Professional perfumery
- Cosmetic fragrance manufacture
- Fine fragrance
- Soap and detergent fragrance
- Candles and home fragrance
- Incense and aromatic products
- Research and development

1.3 Uses Advised Against

- Internal consumption
- Undiluted skin application
- Pharmaceutical use
- Food use without food-grade approval



- Consumer use without appropriate dilution and safety assessment

1.4 Supplier

Aromology Trading LLC
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1.5 Emergency Telephone

Contact the local Poison Centre or emergency medical services.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification (Representative CLP)

Hazard Class	Category
Skin Irritation	Category 2
Skin Sensitisation	Category 1
Serious Eye Damage	Category 1
Aspiration Hazard	Category 1
Aquatic Chronic	Category 2

2.2 Label Elements

Signal Word

Danger

Hazard Statements

- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.



- H318 Causes serious eye damage.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

- 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.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
- P333+P313 If skin irritation or rash occurs, get medical advice.
- P391 Collect spillage.
- P501 Dispose according to local regulations.

Representative hazard classification is consistent with published SDS information for Orange Blossom Absolute (CAS 8030-28-2).

2.3 Other Hazards

- Oxidised material may exhibit increased sensitisation potential.
- May become more viscous at low temperature.
- Spilled material presents slipping hazard.
- PBT/vPvB assessment not established for the complete natural extract.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance

Component	CAS	Concentration
Orange Blossom Absolute	8030-28-2	100%

Natural complex extract containing naturally occurring fragrance constituents including:

- Linalool
- Linalyl acetate
- Farnesol
- Nerolidol
- Benzyl alcohol
- Benzyl benzoate



- Benzyl salicylate
- Methyl anthranilate
- Limonene
- Geraniol
- Citral
- Citronellol
- Indole
- Floral waxes

The exact composition varies naturally between harvests.

SECTION 4: FIRST AID MEASURES

Inhalation

Move to fresh air.

Seek medical advice if symptoms persist.

Skin Contact

Wash thoroughly with soap and water.

Remove contaminated clothing.

Eye Contact

Flush with water for at least 15 minutes.

Seek immediate medical attention.

Ingestion

Do not induce vomiting.

Immediately obtain medical advice.

Symptoms

- Skin irritation
- Allergic dermatitis
- Eye irritation
- Gastrointestinal discomfort



- Headache

Medical Advice

Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media:

- Dry chemical
- Carbon dioxide
- Foam
- Water fog

Unsuitable:

- Direct water jet

Hazardous combustion products:

- Carbon monoxide
- Carbon dioxide
- Irritating organic fumes

Firefighters should wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Wear PPE.
 - Avoid breathing vapours.
 - Prevent release to drains.
 - Absorb using sand or inert absorbent.
 - Dispose through licensed waste contractor.
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SECTION 7: HANDLING AND STORAGE

Handle only with adequate ventilation.



Avoid:

- Skin contact
- Eye contact
- Vapour inhalation

Store:

- Tightly closed
- Cool (5–20 °C)
- Dry
- Protected from sunlight
- Away from oxidising agents

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:

- Local exhaust ventilation

Eye protection:

- Chemical safety goggles

Hand protection:

- Nitrile gloves

Body protection:

- Laboratory coat

Respiratory protection:

- Organic vapour respirator where ventilation is inadequate.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Representative Value
Appearance	Brownish-orange to amber mobile liquid



Odour	Rich orange blossom, floral, honeyed, citrus
Physical State	Viscous liquid
Relative Density (20 °C)	0.97–1.02
Refractive Index (20 °C)	1.485–1.510
Flash Point	Approximately 80 °C
Water Solubility	Insoluble
Ethanol Solubility	Soluble
Vapour Pressure	Low
Viscosity	High

Representative physical characteristics correspond with commercial Orange Blossom Absolute from Morocco.

SECTION 10: STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Heat
- Air
- UV light
- Oxidising agents

Hazardous decomposition:

- Carbon monoxide
 - Carbon dioxide
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SECTION 11: TOXICOLOGICAL INFORMATION

Likely effects:

- Skin irritation
- Eye damage
- Skin sensitisation
- Aspiration hazard if swallowed



No evidence of carcinogenicity or mutagenicity for the complete natural extract.

SECTION 12: ECOLOGICAL INFORMATION

Aquatic toxicity:

Toxic to aquatic organisms with long-lasting effects.

Avoid environmental release.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose through licensed chemical waste contractor.

Do not discharge into drains.

SECTION 14: TRANSPORT INFORMATION

Item	Information
UN Number	UN3082 (where applicable)
Proper Shipping Name	Environmentally Hazardous Substance, Liquid, N.O.S.
Class	9
Packing Group	III
Marine Pollutant	May apply

Transport classification should be confirmed from the manufacturer's batch SDS prior to shipment.

SECTION 15: REGULATORY INFORMATION

Prepared with reference to:

- REACH Regulation (EC) 1907/2006
- Regulation (EU) 2020/878
- CLP Regulation (EC) 1272/2008



- Cosmetic Regulation (EC) 1223/2009
- Current IFRA Standards

SECTION 16: OTHER INFORMATION

Shelf Life:

24 months under recommended storage conditions.

Document Version:

1.0

Issue Date:

22 July 2026

DISCLAIMER

This Safety Data Sheet has been prepared using representative technical information for Orange Blossom Absolute of Moroccan origin. Botanical identity, CAS number, hazard classification and representative physical properties are consistent with commercially available Orange Blossom Absolute (CAS 8030-28-2). Final classification, transport status and regulatory compliance should always be verified against the original manufacturer's batch-specific documentation before commercial use.

AUTHORISED BY

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