



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 Identifier

Product Name: Sinensal Natural

Source: Natural isolate from Sweet Orange Oil

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

INCI Name: *Citrus Aurantium Dulcis* (Orange) Peel Oil (Natural Fraction)

CAS Number: 8028-48-6

EC Number: 232-433-8

Product Type: Natural Isolate / Natural Aroma Ingredient

Recommended Use

Perfumery raw material intended for fragrance creation and cosmetic manufacture.

Professional use only.

Supplier

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Email: info@aromology.com
Website: www.aromology.com

SECTION 2: Hazard Identification



Classification (GHS)

- Flammable Liquid – Category 3
 - Skin Irritation – Category 2
 - Skin Sensitisation – Category 1
 - Aspiration Hazard – Category 1
 - Hazardous to the Aquatic Environment (Chronic) – Category 2
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Signal Word

Danger

Hazard Pictograms

- GHS02 – Flame
 - GHS07 – Exclamation Mark
 - GHS08 – Health Hazard
 - GHS09 – Environment
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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.
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Precautionary Statements

- P210 Keep away from heat, sparks, open flames and hot surfaces.
- 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.
- P501 Dispose of contents/container in accordance with local regulations.



SECTION 3: Composition / Information on Ingredients

Component	CAS No.	EC No.	Concentration
Natural Sinensal Fraction from <i>Citrus sinensis</i>	8028-48-6	232-433-8	≥95%

SECTION 4: First Aid Measures

Inhalation

Move the affected person to fresh air.

Seek medical advice if symptoms develop.

Skin Contact

Wash immediately with soap and water.

Remove contaminated clothing.

Seek medical attention if irritation or allergic reaction occurs.

Eye Contact

Flush cautiously with water for at least 15 minutes.

Remove contact lenses if present.

Obtain medical attention if irritation persists.

Ingestion

Do not induce vomiting.

Immediately seek medical attention due to aspiration hazard.

SECTION 5: Fire Fighting Measures

Suitable Extinguishing Media

- Alcohol-resistant foam



- Carbon dioxide
- Dry chemical powder
- Water spray

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide
- Irritating organic fumes

Protective Equipment

Wear self-contained breathing apparatus and full protective clothing.

SECTION 6: Accidental Release Measures

Wear appropriate PPE.

Eliminate all ignition sources.

Prevent release into drains and waterways.

Absorb using inert absorbent material.

Collect into suitable waste containers.

Wash contaminated surfaces after clean-up.

SECTION 7: Handling and Storage

Handling

Avoid breathing vapours.

Avoid skin and eye contact.

Use only in well-ventilated areas.

Keep away from ignition sources.



Storage

Store in tightly closed containers.

Keep in a cool, dry and well-ventilated place.

Protect from sunlight and heat.

Keep away from oxidising agents.

Recommended storage temperature: 15–25 °C.

SECTION 8: Exposure Controls / Personal Protection

Engineering Controls

Provide adequate local exhaust ventilation.

Personal Protective Equipment

Eye Protection

Chemical safety goggles.

Hand Protection

Nitrile gloves.

Respiratory Protection

Organic vapour respirator where ventilation is insufficient.

Body Protection

Protective clothing.

SECTION 9: Physical and Chemical Properties

Property	Specification
Appearance	Clear pale yellow to amber liquid
Odour	Intense sweet orange peel, juicy, citrus, aldehydic



Property	Specification
Physical State	Liquid
Relative Density (20 °C)	0.845–0.870
Refractive Index (20 °C)	1.470–1.485
Flash Point	48–55 °C
Solubility	Insoluble in water
Solubility in Alcohol	Soluble
Boiling Point	Not determined

SECTION 10: Stability and Reactivity

Stable under recommended storage conditions.

Conditions to Avoid

- Heat
- Flames
- Sparks
- Direct sunlight

Incompatible Materials

Strong oxidising agents.

Hazardous Decomposition Products

Carbon oxides and irritating organic fumes.

SECTION 11: Toxicological Information

Based on available information:

- May be fatal if swallowed and enters airways.
 - Causes skin irritation.
 - May cause allergic skin reactions.
 - No evidence of carcinogenicity under normal conditions of intended use.
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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 in accordance with national and local regulations.

Do not discharge into drains or waterways.

SECTION 14: Transport Information

Item	Information
UN Number	UN1169
Proper Shipping Name	Extracts, Aromatic, Liquid
Transport Hazard Class	3
Packing Group	III
Marine Pollutant	Yes

SECTION 15: Regulatory Information

Prepared in accordance with:

- Globally Harmonized System (GHS)
 - REACH Regulation (EC) No. 1907/2006
 - CLP Regulation (EC) No. 1272/2008
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SECTION 16: Other Information

Sinensal Natural is a high-value natural citrus fraction isolated from *Citrus sinensis* (Sweet Orange) peel oil. It is prized in fine perfumery for its exceptionally powerful sweet orange peel, juicy citrus, aldehydic and long-lasting character, making it an important ingredient in citrus, cologne, neroli and floral fragrance compositions.



The information contained in this Safety Data Sheet is believed to be accurate at the date of issue and is intended solely as guidance for the safe handling, storage, transport and use of this material. It does not constitute a warranty of specific product properties.

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