SAFETY DATA SHEET (SDS)

Revised Date: October 29, 2026

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Mandarin Essential Oil
Botanical name	:	Citrus x Reticulata
INCI name	:	Citrus Nobilis Peel Oil
CAS #	:	84929-38-4 / 8008-31-9
Country of Origin	:	Italy
EINECS #	:	Not specified in source
Product use	:	Domestic and Industrial
Supplier / Distributor	:	Cosmetic Labs Canada
Address	:	298 Wellington St W, Sault Ste. Marie, Ontario P6A 1H7
Website	:	www.cosmeticlabscanada.com
Emergency	:	CANUTEC (613) 996-6666 (24 hours)
After-hours support	:	705-910-6300

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Flammable Liquid - Category 3

Aspiration hazard - Category 1

Skin corrosion/irritation - Category 2

Skin sensitization - Category 1

Hazardous to the aquatic environment - Chronic Hazard, Category 2

GHS Label elements, including precautionary statements



Signal: Danger

Hazard statement(s)

H226	Flammable liquid and vapor.
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 statement(s)

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P273	Avoid release to the environment.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Mandarin orange, ext. (UVCB)	84929-38-4	284-521-0	95-100
Limonene (Constituent)	5989-27-5	227-813-5	65-76
Dimethyl anthranilate (Constituent)	85-91-6	201-642-6	0-0.60
γ-Terpinene (Constituent)	99-85-4	202-794-6	15-22
Linalool (Constituent)	78-70-6	201-134-4	0-0.4
para-Cymene (Constituent)	99-87-6	202-796-7	0-1
α-Terpineol (Constituent)	98-55-5	202-680-6	0-0.2
Citronellal (Constituent)	106-23-0	203-376-6	0-0.2
α-Pinene (Constituent)	80-56-8	201-291-9	1-3
Myrcene (Constituent)	123-35-3	204-622-5	1-2
Terpinolene (Constituent)	586-62-9	209-578-0	0.5-1.5
β-Pinene (Constituent)	127-91-3	204-872-5	1-3
α-Sinensal (Constituent)	17909-77-2	241-854-6	0-0.3

4. FIRST AID MEASURES

Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

Ingestion

Do not induce vomiting. Call a physician immediately.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Foam. Dry Powder. Carbon dioxide.

Unsuitable extinguishing media

Water spray, water jet.

Special protective equipment and precautions for fire-fighters

Use water spray or fog for cooling exposed containers. Prevent fire fighting water from entering the environment. Do not allow product to reach the sewage system. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Special hazards arising from the substance or its combustible products

Under fire conditions, hazardous fumes will be present: Carbon dioxide, Carbon monoxide

Resulting gases

Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Wear recommended personal protective equipment. Remove contaminated clothing and shoes. Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Avoid breathing mist, spray, vapours. Ventilate spillage area. No open flames, no sparks, and no smoking.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Ensure good ventilation of the work station. Avoid breathing mist, spray, vapours. Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container

Conditions for safe storage, including any incompatibilities

Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store in original container at 8 – 12 °C. Keep away from open flames, hot surfaces and sources of ignition. Do not store near oxidizing agents or acidic material.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes

Use tightly sealed goggles.

Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Limpid liquid, brown to green
Odor	:	Fresh orange mandarin odor.
Melting Point/Freezing Point	:	< -25 °C (@ 1013 hPa)
Initial b.p and boiling range	:	160 °C (@ 1016 hPa)
Flash point	:	51 °C (@ 1012 hPa)
Vapor pressure	:	Water: 2.6 - 93066 mg/l (@ 25°C) [as reported in source]
Relative density	:	0.851 (@ 20°C)
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Auto-ignition temperature	:	235 °C (@ 1016.5 hPa)
Refractive index	:	1.4700 to 1.4800 @ 20°C
Optical rotation	:	+66° to +76° @ 20°C

10. STABILITY AND REACTIVITY

Reactivity

This material presents no significant reactivity hazard.

Chemical stability

Chemically stable.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

Avoid sparks, flame and other heat sources.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Carbon Oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified. LD50 oral rat > 5000 mg/kg bodyweight (OECD 401 method) LD50 dermal rabbit > 5000 mg/kg bodyweight (OECD 402 method)

Carcinogenicity

Not classified

Respiratory or skin sensitization

May cause an allergic skin reaction.

Inhalation

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

Skin contact

Adverse skin effects should be prevented by normal care and personal hygiene.

Eye contact

Possible irritation should be prevented by wearing safety glasses.

Ingestion

Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting

Skin corrosion

Causes skin irritation.

Aspiration hazard

May be fatal if swallowed and enters airways.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.

Persistence and degradability

Readily biodegradable.

Bio - accumulative potential

Not available.

Mobility in soil

Not available.

Other adverse effects

Not available.

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION

UN Number

1197

UN proper shipping name

EXTRACTS, LIQUID for flavour or aroma

Transport hazard class

3

Packing group

III

US DOT Shipping Description (Land)

UN 1197; EXTRACTS, LIQUID for flavour or aroma; Class 3; Packing group III

IMO-IMDG Shipping Description (Sea)

UN 1197; EXTRACTS, LIQUID for flavour or aroma; Class 3; Packing group III

IATA Shipping Description (Air)

UN 1197; EXTRACTS, LIQUID for flavour or aroma; Class 3; Packing group III

15. REGULATORY INFORMATION

California Proposition 65

This product can expose you to beta-Myrcene, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

GHS Hazard Statements

Please refer to section 2.

GHS Precautionary Statements

Please refer to section 2.

16. OTHER INFORMATION

Revised Date : October 29, 2026

Disclaimer & Caution

Please refer to all relevant technical information specific to the product prior to use. The information in this Safety Data Sheet is based on information believed to be reliable at the time of preparation. Cosmetic Labs Canada provides this information for guidance but makes no representation or warranty regarding its completeness or suitability for a particular purpose. Users must exercise independent judgment and are responsible for compliance with applicable laws and regulations, including safe handling, storage, transport, and disposal. Cosmetic Labs Canada is not responsible for uses outside its control or for losses arising from reliance on this information.