

Mandarin Essential Oil

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Revision Date: May 13, 2023

SECTION 1. IDENTIFICATION

Product Name: Mandarin Essential Oil
Botanical Name: *Citrus reticulata*
CAS#: 84929-38-4 (or) 8008-31-9
Recommended Use: Topical Cosmetic Use
Supplier: **Bulk Naturals Wholesale LLC.**
212 N Jefferson Unit 12A Ava, Mo 65608, USA
Telephone No. (24hrs): 1-573-465-0612
Emergency Telephone # : **1-573-465-0612(Mon-Fri: 8:00AM – 5:00PM CST)**

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Classification: Acute toxicity - oral - Category 5
Skin corrosion/irritation - Category 2
Skin Sensitization - Category 1
Hazardous to the aquatic environment - Acute - Chronic Category 1

GHS Label Elements



Signal: Warning.
Hazard statement(s):
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Precautionary statement(s):
P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P233 Keep the container tightly closed. Keep cool.
P235 Ground/bond container and receiving equipment.
P241 Avoid breathing dust, fumes, gas, mist, vapors, or spray.
P261 Wash hands thoroughly after handling.
P264 Contaminated work clothing should not be all
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.

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P280	Wear protective gloves, protective clothing, eye protection, and/or face protection.
P378	Use for extinction: All extinguishing media can be used.
P391	Collect spillage.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor. Specific treatment.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to a hazardous waste collection point in accordance with local, regional, national/international regulations.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name	CAS Numbers	EC Numbers	Percentage
Limonene	5989-27-5	284-521-0	Max 80.0%
Alpha terpinene	80-56-8	201-291-9	Max 3.5%
Beta Pinene	127-91-3	204-872-5	Max 2.0%
Paracimene	99-87-6	202-796-7	Max 1.0%

SECTION 4. FIRST AID MEASURES

Eye contact:	Immediately flush your eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.
Skin contact:	Remove contaminated clothing. Wash the area with soap and water. If irritation occurs, get medical attention.
Inhalation:	If inhaled, remove to fresh air. Get medical attention if symptoms appear.
Ingestion:	Consult a physician.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Foam. Dry Powder. Carbon dioxide.
Unsuitable extinguishing media:	Water spray, water jet.
Precautions for fire-fighters:	Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

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Special hazards arising from the substance:	Hazardous decomposition products may be formed at extreme heat or if burned.
Resulting gases:	Carbon oxides.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Equip a clean crew with proper protection. Respiratory protection equipment may be necessary.
Environmental precautions:	Prevent entry to sewers and public waters. Notify authorities if the product enters sewers or public waters.
Methods for cleaning up:	Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling:	No direct lighting. No smoking. Ensure prompt removal from eyes, skin, and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.
Recommended Storage Conditions:	Provide local exhaust or general room ventilation to minimize dust and/or vapor concentrations. Keep container closed when not in use.

SECTION 8. EXPOSURE CONTROLS / 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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Limpid liquid, brown to green.
Odor:	Fresh orange mandarin odor.
Flashpoint:	50°C.
Relative Density:	0.848 to 0.856 @ 20°C.
Solubility:	Soluble in alcohol and oils. Insoluble in water.
Refractive Index:	1.472 to 1.478 @ 20°C.
Optical Rotation:	+60° to +78° @ 20°C.

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SECTION 10. STABILITY AND REACTIVITY

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.

SECTION 11. TOXICOLOGICAL INFORMATION

Inhalation:	Inhalation of high concentrations of vapor may result in irritation of the 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:	Consult a physician.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:	Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface, or underground water.
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SECTION 13. DISPOSAL CONSIDERATIONS

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

SECTION 14. TRANSPORT INFORMATION

UN Number:	2319
UN proper shipping name:	Terpene hydrocarbons, n.o.s
Transport hazard class:	3
Packaging group:	III
US DOT Shipping Description (Land):	2319
Proper shipping name:	Terpene hydrocarbons, n.o.s
Class:	3
Packaging group:	III

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IMO-IMDG Shipping Description (Sea) :	2319
Proper shipping name	Terpene hydrocarbons, n.o.s
Class :	3
Packaging group:	III
IATA Shipping Description (Air):	2319
Proper shipping name	Terpene hydrocarbons, n.o.s
Class :	3
Packaging group:	III

SECTION 15. REGULATORY INFORMATION

California Prop. 65 Components:

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.

SECTION 16. OTHER INFORMATION

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