

SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : December 3, 2015

Print Date : May 1, 2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Mandarin (Natural Blend) Essential Oil

Synonyms : Satsuma, Clementine, Tangerine

FEMA : 2657

INCI name : Citrus Reticula Peel Oil

CAS # : 8008-31-9

Country of Origin : Italy

EINECS # : 284-521-0

Product use : Domestic and Industrial

Supplier : Canwax

Address : 114 Lindgren Rd. W Unit 1B Huntsville, ON P1H 1Y2

Fax :

Telephone number : 705-789-1002

Emergency phone number : (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

GHS Classification
Flammable Liquid, Category 3.
Skin

2. HAZARDS IDENTIFICATION

Emergency Overview

WHMIS Classification

B3 Combustible Liquid under WHMIS regulations.

Corrosion/Irritation - Category 2

Skin Sensitization - Category 1

Aspiration toxicity - Category 1

Aquatic Chronic - Category 1

GHS Label elements, including precautionary statements



Signal : Danger

Hazard statement(s)

H226 Flammable liquid and vapor
H315 Causes skin irritation
H317 May cause an allergic skin reaction.
H304 May be fatal if swallowed and enters airways.
H410 Very 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, clothing and eye or face protection.
P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with applicable regulations.
P405 Store locked up
P331 Do NOT induce vomiting.
P303+361+353 If on skin (or hair): Remove/Take off immediately all contaminated clothing.
. Rinse skin with water/shower.

HMIS Classification & Potential Health Effects

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Limonene	5989-27-5	227-813-5	60 - 75%
Beta-pinene	127-91-3	204-872-5	0 - 3%
Gamma-terpinene	99-85-2	202-794-6	0 - 25%
Alpha-pinene	80-56-8	201-291-9	0 - 4%
Myrcene	123-35-3	204-622-5	0 - 4%

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

Seek medical attention or contact local poison control center.

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

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or its combustible products

Hazardous decomposition products may be formed at extreme heat or if burned.

Resulting gases Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

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

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.

Conditions for safe storage, including any incompatibilities

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls

Odor is inadequate to warn of overexposure.

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	:	Orange yellow to dark orange liquid.
Odor	:	Sweet citrus odor.
Flash point	:	49 °C
Relative density	:	0.847 – 0.855 @ 20°C
Refractive index	:	1.470 – 1.475 @ 20°C
Optical rotation	:	+63 – +78 @ 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

LD 50 oral (rat) 4400mg/Kg.

Respiratory or skin sensitization Sensitisation through skin contact.

Inhalation

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

Skin contact

Irritant to skin and to mucous membranes.

Eye contact

Possible irritation should be prevented by wearing safety glasses.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Avoid any pollution of ground, surface or underground water.

Persistence and degradability Not available.

Bio - accumulative potential Not available.

Mobility in soil Not available.

Other adverse effects

Also poisonous for fish and plankton in water bodies.

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**

1169

UN proper shipping name

Extracts, aromatic, liquid

Transport hazard class

3

Packing group

III

US DOT Shipping Description (Land) 1169

Proper shipping name

Extracts, aromatic, liquid

Class

3

Packaging group

III

IMO-IMDG Shipping Description (Sea) 1169

Proper shipping name

Extracts, aromatic, liquid

Class

3

Packaging group

III

IMDG-Marine pollution

Yes

IATA Shipping Description (Air)

1169

Proper shipping name

Extracts, aromatic, liquid

Class

3

Packaging group

III

15. REGULATORY INFORMATION

WHMIS Classification

B3

California Proposition 65

Contains substance identified in the revised list of the California Safe Cosmetic program SB 484 (included in Proposition 65 revised list): -Contains Myrcene.

GHS Hazard Statements See

section 2.

GHS Precautionary Statements See

section 2.

16. OTHER INFORMATION

Revision date : December 3, 2015