

## 1. PRODUCT AND COMPANY IDENTIFICATION

---

Product name : Tangerine 5 Fold (Natural Blend) Essential Oil  
CAS # : 8008-31-9 / 93686-22-7  
Country of Origin : Italy  
Product use : Domestic and Industrial  
Supplier : Laboratoire BermoCosm Inc.  
Address : 158 chemin du Roi, Saint Colomban, QC, CANADA J57 0A8  
Fax : 450 592 5026  
Telephone number : 514 424 8320  
Emergency phone number : (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

## 2. HAZARDS IDENTIFICATION

---

Emergency Overview

WHMIS Classification

B3

GHS Classification

Flammable Liquid, Category 3.

Skin Sensitization - Category 1

Skin irritation - Category 2

Aspiration hazard - Category 1

Aquatic Chronic - Category 1

GHS Label elements, including precautionary statements



Signal: Warning

Hazard statement(s)

H226	Flammable liquid and vapour
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
P241	Use explosion-proof electrical/ventilating/lighting equipment
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P273	Avoid release to the environment.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or a doctor.
P501	Dispose of contents/container in accordance with local/regional/national/international regulatio

### 3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Limonene	5989-27-5	227-813-5	60 - 99%
Linalool	78-70-6	201-134-4	0 - 9%
Citral	5392-40-5	226-394-6	0 - 3%
Myrcene	123-35-3	204-622-5	0 - 5%

### 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

Alcohol resistant foam, 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

Vapours may form explosive mixture with air.

#### Resulting gases

Carbon oxides.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures.

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

Keep away from possible sources of ignition. 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

---

### 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	:	Golden yellow to orange liquid.
Odor	:	Sweet citrus odor.
Odor threshold	:	Not available.
pH	:	Not available.
Melting Point/Freezing Point	:	Not available.
Initial b.p and boiling range	:	Not available.
Flash point	:	47 °C
Relative density	:	0.8567 - 0.8677
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.4634 - 1.4834
Optical rotation	:	81.20

## 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/LC50 values relevant for classification:  
Cas : 5989-27-5 (R) - p-mentha-1,8-diene  
LD 50 oral (rat) 4400mg/Kg

### Skin contact

Irritant to skin and to mucous membranes.

### Eye contact

Irritating effect.

## 12. ECOLOGICAL INFORMATION

---

### Ecotoxicity

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

### Persistence and degradability

Not available.

### Bio - accumulative potential

Not available.

### Mobility in soil

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

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

**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 : November 13, 2015

**Disclaimer & Caution**

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Laboratory BermoCosm Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of Laboratory BermoCosm Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of Laboratory BermoCosm Inc. is limited to the value of the goods and does not include any consequential loss. Laboratory BermoCosm Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Laboratory BermoCosm Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agree that Jurisdiction is limited to the province of Quebec.

