

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Chamomile Essential Oil (Morocco)
Botanical name	:	Tanacetum annum
Synonyms	:	Blue Tansy, Moroccan Chamomile
INCI name	:	Tanacetum Annuum Flower Oil
Country of Origin	:	Morocco
Product use	:	Domestic and Industrial
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

### GHS Classification

Flammable liquids - Category 3

Germ Cell Mutagenicity - Category 2

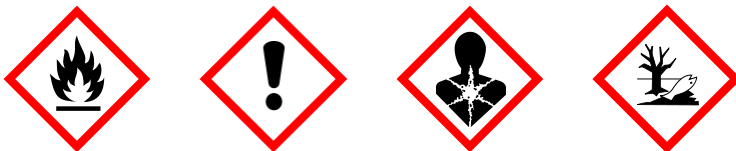
Skin Irritation - Category 2

Aspiration Toxicity - Category 1

Skin Sensitization - Category 1

Hazardous to the aquatic environment - Long term Hazard - Category 2

### GHS Label elements, including precautionary statements



Signal: Danger

### Hazard statement(s)

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.
H341	Suspected of causing genetic defects.
H411	Toxic to aquatic life with long-lasting effects.

### Precautionary statement(s)

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301	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): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P308	If exposed or concerned: Get medical advice.
P333	If skin irritation or a rash occurs: Get medical advice.
P378	Use media listed on section 5 to extinguish.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents and container in accordance with local, regional, national and/or international regulation for hazardous wastes.

### 3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Sabinene	27606-09-3	222-212-4	15 - 25 %
Camphor	76-22-2	200-945-0	10 - 15 %
beta -Pinene	127-91-3	204-872-5	5 - 10 %
Myrcene	123-35-3	204-622-5	5 - 10 %
para-Cymene	99-87-6	202-796-7	5 - 10 %
alpha-Pinene	80-56-8	201-291-9	1 - 5 %
Limonene	5989-27-5	227-813-5 / 601-029-00-7	1 - 5 %
Borneol	507-70-0	208-080-0	1 - 5 %
gamma-Terpinene	99-85-4	202-794-6	1 - 5 %
beta-Caryophyllene	87-44-5	201-746-1	1 - 5 %
Camphene	79-92-5	201-234-8	1 - 5 %
alpha-Terpinene	99-86-5	202-795-1	1 - 5 %
Terpinolene	586-62-9	209-578-0	0.01 - 1 %
Thymol	89-83-8	201-944-8 / 604-032-00-1	0.01 - 1 %
Pulegone	15932-80-6	240-070-1	0.01 - 1 %

beta-Phellandrene	555-10-2	209-081-9	0.01 - 1 %
alpha-Terpineol	98-55-5	202-680-6	0.01 - 1 %
Caryophyllene oxide	1139-30-6	214-519-7	0.01 - 1 %

#### 4. FIRST AID MEASURES

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##### **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

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##### **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

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##### **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

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##### **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

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### 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.

### Ingestion

Not for ingestion.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	Deep Blue.
Odor	:	Characteristic odor.
Flash point	:	48 °C
Relative density	:	0.880 to 0.930 @ 20 °C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.470 to 1.514 @ 20 °C

## 10. STABILITY AND REACTIVITY

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### 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

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### Acute toxicity

Not available.

### Carcinogenicity

None of the components of this material are listed as a carcinogen.

### Chronic toxicity

May cause allergic reactions on skin.

### Reproductive toxicity

No adverse effects on reproduction are known.

**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

**Repeated exposure**

Repeated or prolonged contact may cause redness, irritation and scaling of skin (Dermatitis).

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**12. ECOLOGICAL INFORMATION****Ecotoxicity**

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

**Bio - accumulative potential**

Not available.

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**13. DISPOSAL CONSIDERATION**

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

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**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

**Special Precautions during Transport**

Clean up even minor leaks or spills if possible without unnecessary risk.

**Emergency action in case of accident**

Notify police and fire department immediately

**15. REGULATORY INFORMATION**

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**TSCA**

All products are listed on the United States TSCA inventory.

**California Proposition 65**

Contains substance identified in the revised list of the California Safe Cosmetic program SB 484 (as stated in Proposition 65 revised list): PULEGONE and MYRCENE.

**GHS Hazard Statements**

Please refer to section 2.

**GHS Precautionary Statements**

Please refer to section 2.

**16. OTHER INFORMATION**

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Revision date : March 2, 2018

**Disclaimer & Caution**

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