

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product name	:	Tansy Blue Essential Oil (Morocco)
Botanical name	:	Tanacetum annuum L.
INCI name	:	Tanacetum annuum oil
CAS #	:	8002-66-2
Country of Origin	:	Morocco
Product use	:	Domestic and Industrial
Supplier	:	Botanic Universe
Address	:	295 Alliance Rd. Unit 12 Milton Ontario, Canada, L9T 4W8
Telephone number	:	1-877-509-6457

**2. HAZARDS IDENTIFICATION**

**Emergency Overview**

**GHS Classification**

Skin Sensitisation Category 1

Acute Chronic 2

**GHS Label elements, including precautionary statements**



Signal: Danger

**Hazard statement(s)**

H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction
H411	Toxic to aquatic life with long lasting effects
H315	Causes skin irritation
H341	Suspected of causing genetic defects
H226	Flammable liquid and vapour

**Precautionary statement(s)**

P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
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.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P272	Contaminated work clothing should not be allowed out of the workplace
P264	Wash thoroughly after handling.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P301+P310	IF SWALLOWED: Immediately call a POISONCENTER/doctor
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water / shower.
P308+P311	If exposed or concerned: Call a POISON CENTER/ doctor
P391	Collect spillage.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P370+P378	In case of fire: Use suitable extinguishing media to extinguish.
P235	Keep cool
P405	Store locked up.
P501	Dispose of contents / container in accordance with local / regional / national / international regulation.

### **3. COMPOSITION / INFORMATION INGREDIENTS**

<b>Product Name</b>	<b>CAS NO</b>	<b>EC NO</b>	<b>Concentration</b>
Myrcene	123-35-3	204-622-5	less than 16%
Camphor	76-22-2	200-945-0	less than 15%
Alpha-phellandrene	99-83-2	202-792-5	less than 10%
Beta-pinene	27-91-3	204-872-5	less than 10%
Para cymene	99-87-6	202-796-7	less than 8%
Alpha-pinene	80-56-8	201-291-9	less than 6%
Chamazulene	Not available	Not available	~ 4.35%
Sabinene	Not available	Not available	6 - 26%

### **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**

Carbon dioxide extinguishers or dry fire extinguisher foam.

### **Unsuitable extinguishing media**

Water spray.

### **Special protective equipment and precautions for fire-fighters**

Avoid breathing vapors and fumes. Use a mask if necessary.

Do not attack the fire with water: the water instead of stifling tends to fuel the fire. Essential oils have the ability to float on water. The fire spread is then accelerated. To extinguish an incipient fire based essential oil, use dry powder.

### **Special hazards arising from the substance or its combustible products**

Possible production of toxic fumes in case of fire.

### **Resulting gases**

Carbon oxides.

## **6. ACCIDENTAL RELEASE MEASURES**

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

Avoid all flammable sources. Ventilate premises. Do not smoke

### **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**

Avoid contact, do not inhale the vapors, do not swallow, working under a hood or suction arm. Prevent access to persons not required and not wearing protective clothing. Do not touch or walk through any vapour from the product. Check for an adequate ventilation. Wear appropriate respiratory protection such as the ventilation is inadequate.

### **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**

No specific exposure limits for this product.

### **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	:	Bluish green to intense blue liquid.
Odor	:	Characteristic sweetish odor.
Odor threshold	:	Not available.
Flashpoint	:	46 °C
Relative density	:	0.900 to 0.935
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.465 - 1.475
Optical rotation	:	-80 to -50

## **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**

DL<sub>derm.50</sub> ≥ 5000 mg/kg.

### **IARC**

### **Respiratory or skin sensitization**

May cause an allergic skin reaction.

### **Skin corrosion**

No significant effects or critical hazards.

### **Serious eye damage**

No significant effects or critical hazards.

## **12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

Toxic to aquatic organisms, may cause long-term adverse effects environment.

### **Persistence and degradability**

Not available.

### **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**

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, Pulegone

### **GHS Hazard Statements**

See section 2.

### **GHS Precautionary Statements**

See section 2.

## **16. OTHER INFORMATION**

Revision date : April 26, 2018

### **Disclaimer & Caution**

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