1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Tansy Blue Essential Oil - Verified by ECOCERT /Cosmos Approved
Botanical name : Tanacetum annuum L.
INCI name : Tanacetum Annuum Flower Oil
CAS # : Not available
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.
Aspiration Hazard - Category 1
Skin corrosion/irritation - Category 2
Skin Sensitisation - 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.
3. COMPOSITION / INFORMATION INGREDIENTS

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

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**
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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Bluish green to intense blue liquid.</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic sweetish odor.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash point</td>
<td>46 °C</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.900 to 0.935</td>
</tr>
<tr>
<td>Solubility (ies)</td>
<td>Soluble in alcohol and oils. Insoluble in water.</td>
</tr>
<tr>
<td>Refractive index</td>
<td>1.465 - 1.475</td>
</tr>
<tr>
<td>Optical rotation</td>
<td>-80 to -50</td>
</tr>
</tbody>
</table>

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 derm.50 >= 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

• 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.

• This product can expose you to Pulegone, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

GHS Hazard Statements

See section 2.

GHS Precautionary Statements

See section 2.

16. OTHER INFORMATION

Revision date : June 17, 2021

Disclaimer & Caution

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