

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Tansy Blue Essential Oil
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.
P102	Keep out of reach of children.
P103	Read label before use.

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P235	Keep cool.
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 SKIN 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+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P308+P313	If exposed: Call a POISON CENTER or doctor/physician.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P378	Use APPROPRIATE FIRE EXTINGUISHERS to extinguish.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/container according to local regulations.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
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.
Flash point	:	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 derm.50 \geq 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

1197

UN proper shipping name

Extracts, liquid

Transport hazard class

3

Packing group

III

US DOT Shipping Description (Land)

1197

Proper shipping name

Extracts, liquid

Class

3

Packaging group

III

IMO-IMDG Shipping Description (Sea)

1197

Proper shipping name

Extracts, liquid

Class

3

Packaging group

III

IATA Shipping Description (Air)

1197

Proper shipping name

Extracts, 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

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Disclaimer & Caution

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