

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product name	:	Helichrysum Essential Oil (Slovenia)
Botanical name	:	Helichrysum italicum
INCI name	:	Helichrysum Italicum Flower Oil
CAS #	:	8023-95-8 / 90045-56-0
Country of Origin	:	Slovenia
EINECS #	:	289-918-2
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 Toxicity - Category 1

Skin Sensitization - Category 1B

Hazardous to the aquatic environment - Chronic Category 1

**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.
H317	May cause an allergic skin reaction.
H410	Very toxic to aquatic life with long-lasting effects.

**Precautionary statement(s)**

P102	Keep out of reach of children.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P273	Avoid release to the environment.

P391	Collect spillage.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P363	Wash contaminated clothing before reuse.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P264	Wash hands thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P370+P380	In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.
P371+P380+P375	In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
P381	Eliminate all ignition sources if safe to do so.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P306+P360	IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P309+P311	IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P402+P404	Store in a dry place. Store in a closed container.
P404	Store in a well-ventilated place.
P233	Keep container tightly closed.

### 3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Alpha-Pinene	7785-70-8	232-087-8	15 - 37 %

### 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

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.**

Wear appropriate personal protective equipment. Send away to individuals who are not properly equipped. Evacuate personnel. Remove all sources of ignition. Avoid inhaling fumes.

### **Environmental precautions**

The product must not enter drains, surface water, groundwater and adjacent areas. Dilute with water to the product after collection.

### **Methods and materials for containment and cleaning up**

Remove with inert absorbent material (ex.sand) for collected waste treated as hazardous waste. Contaminated material should be disposed of in accordance with the provisions described in section 13.

## **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**

Wash hands with soap & water after handling.

### **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	:	Pale yellow to reddish yellow liquid.
Odor	:	Characteristic aromatic odor.
Flash point	:	51 °C

Relative density	:	0.880 to 0.899 @ 20 °C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.475 to 1.485 @ 20°C
Optical rotation	:	-10.0° to +2.0 ° @ 20°C

## 10. STABILITY AND REACTIVITY

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### Reactivity

It present no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids. Alkali or oxidising agents.

### Chemical stability

The product is stable under normal conditions of use and storage.

### Possibility of hazardous reactions

Hazardous polymerization will not occur.

### Incompatible materials

Strong oxidizing agents.

### Hazardous decomposition products

Carbon Oxides.

## 11. TOXICOLOGICAL INFORMATION

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### Acute toxicity

LD50 Oral rat >5000mg/kg

### Carcinogenicity

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

### Chronic toxicity

May cause allergic reactions on skin.

### 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).

## 12. ECOLOGICAL INFORMATION

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### Ecotoxicity

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

## 13. DISPOSAL CONSIDERATION

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

## 14. TRANSPORT INFORMATION

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### 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

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### 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): MYRCENE.

### GHS Hazard Statements

Please refer to section 2.

### GHS Precautionary Statements

Please refer to section 2.

## 16. OTHER INFORMATION

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### **Disclaimer & Caution**

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