

**SAFETY DATA SHEET (SDS)**

Version 2.0

Revision Date : February 15, 2023

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## 1. PRODUCT AND COMPANY IDENTIFICATION

|                        |   |  |
|------------------------|---|--|
| Product name           | : | Rosemary Organic Essential Oil - ct Cineole (Tunisia)    |
| Botanical name         | : | Rosmarinus officinalis                                   |
| INCI name              | : | Rosmarinus Officinalis Leaf Oil                          |
| CAS #                  | : | 84604-14-8   |
| Country of Origin      | : | Tunisia  |
| EINECS #               | : | 283-291-9  |
| 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 Liquid - Category 3

Aspiration Toxicity - Category 1

Skin sensitization - Category 1

Hazardous to the aquatic environment - Chronic - Category 2

Skin irritant category 2

#### GHS Label elements, including precautionary statements

Signal: Danger

#### Hazard statement(s)

|      |   |
|------|---|
| H226 | Flammable liquid and vapor.                     |
| 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                          |

#### 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.  |
| 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 or doctor/physician.  |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.                                 |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.     |
| P332+P313      | If skin irritation occurs: Get medical advice/attention.   |
| P333+P313      | If skin irritation or a rash occurs: Get medical advice/attention.   |
| P337+P313      | If eye irritation persists get medical advice/attention.   |
| P370           | In case of fire: Use extinguishing media listed in Section 5 of the SDS to extinguish.   |
| P402+P404      | Store in a dry place. Store in a closed container.   |
| P405           | Store locked up.   |
| P501           | Dispose of contents and container in accordance with local, regional, national and/or international regulation for hazardous wastes. |
| P210           | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                                       |
| P233           | Keep container tightly closed.   |
| P281           | Use personal protective equipment as required  |
| P331           | Do NOT induce vomiting.  |
| P391           | Collect spillage.  |

### 3. COMPOSITION / INFORMATION INGREDIENTS

| Product Name                    | CAS NO     | EC NO     | Concentration |
|---------------------------------|------------|-----------|---------------|
| Rosmarinus Officinalis Leaf Oil | 84604-14-8 | 283-291-9 | 100 %         |

### 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 chemical, or carbon dioxide.

#### Unsuitable extinguishing media

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 if fire is present.

### 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

Avoid contact with the skin. Wear protective clothing, eye protection and suitable resistant gloves.

### Conditions for safe storage, including any incompatibilities

Store the product in well closed original containers, in a cool place avoiding extreme of temperature. Avoid contact with certain plastic materials, PVC in particular and unprotected metals.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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### 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.

### Control parameters

Substances with limit exposure values: This product contains a substance with limit exposure value at the workplace:

Camphor. CAS 76-22-2

OEL: 10mg/m<sup>3</sup> (France)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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|                               |   |                           |
|-------------------------------|---|---------------------------|
| Appearance                    | : | Very clear yellow liquid. |
| Odor                          | : | Characteristic.           |
| Initial b.p and boiling range | : | > 35°C                    |
| Flash point                   | : | 44.7°C                    |
| Vapor pressure                | : | 2.1 mm Hg (Calculated)    |
| Relative density              | : | 0.907 - 0.920 @ 20°C      |
| Solubility (ies)              | : | Insoluble in water.       |

## 10. STABILITY AND REACTIVITY

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### Reactivity

No known reactions with water.

### Chemical stability

Chemically stable.

### Possibility of hazardous reactions

Possible reactions with strong oxidizing agents.

### Conditions to avoid

Avoid contact with oxidizing agents.

### Incompatible materials

No other information available.

### Hazardous decomposition products

No known hazardous decomposition products.

## 11. TOXICOLOGICAL INFORMATION

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### Acute toxicity

LD50 Oral - Rat - > 5,000 mg/kg

### Respiratory or skin sensitization

Skin sensitisation; Maximisation test on guinea pigs. 10%: No effect (source: RIFM )

### Eye contact

Possible irritation should be prevented by wearing safety glasses.

### Ingestion

May be harmful if swallowed.

## 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.

### Persistence and degradability

Not available.

### Bio - accumulative potential

Not available.

### Mobility in soil

Not available.

### Other adverse effects

Not available.

## 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

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

**IMDG-Marine pollution**

Yes.

**IATA Shipping Description (Air)**

1197

**Proper shipping name**

Extracts, liquid

**Class**

3

**Packaging group**

III

**15. REGULATORY INFORMATION**

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**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](http://www.P65Warnings.ca.gov).
- This product can expose you to Estragole, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).
- This product can expose you to Methyleugenol, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**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 : February 15, 2023

#### Disclaimer & Caution

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. New Directions Aromatics Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of New Directions Aromatics Inc. is limited to the value of the goods and does not include any consequential loss. New Directions Aromatics Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. New Directions Aromatics Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agree that Jurisdiction is limited to the province of Ontario, Canada.