

1. PRODUCT AND COMPANY IDENTIFICATION

| | | |
|------------------------|---|--|
| Product name | : | Oregano Essential Oil - Organic |
| Botanical name | : | Origanum compactum |
| FEMA | : | 2828 |
| INCI name | : | Origanum compactum (leaf) oil |
| CAS # | : | 8007-11-2 |
| Country of Origin | : | Morocco |
| EINECS # | : | 290-371-7 |
| 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

WHMIS Classification

| | |
|----|---------------------|
| B3 | Combustible Liquid. |
| E | Corrosive material |

GHS Classification

Flammable Liquid, Category 3.
Skin Sensitization - Category 1
Acute Toxicity - Oral Category 4
Aspiration toxicity - Category 1
Aquatic Chronic - Category 2
Skin corrosion - Category 1B.
Eye damage or irritation, category 1.

GHS Label elements, including precautionary statements



Signal: Danger

Hazard statement(s)

| | |
|------|--|
| H226 | Flammable liquid and vapor |
| H302 | Harmful if swallowed |
| H317 | May cause an allergic skin reaction. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H304 | May be fatal if swallowed and enters airways. |
| H314 | Causes severe skin burns and eye damage. |

Precautionary statement(s)

| | |
|----------------|--|
| P102 | Keep out of the reach of children. |
| P103 | Read label before use. |
| P101 | If medical advice is needed, have product container or label at hand. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves, clothing and eye or face protection. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact |
| P501 | Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |
| P333 | If skin irritation or rash occurs : Get medical advice. |
| P235 | Keep cool. |

NFPA Ratings

Health : 3, Flammability : 2, Reactivity : 0

3. COMPOSITION / INFORMATION INGREDIENTS

| Product Name | CAS NO | EC NO | Concentration |
|--------------|--------|-------|---------------|
| Carvacrol | | | 25 - 30% |
| Thymol | | | 18 - 22% |

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

Water spray, Foam. Dry Powder. Carbon dioxide.

Unsuitable extinguishing media

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

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

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

Exposure controls

Odor is inadequate to warn of overexposure.

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 | : | Light yellow to brownish yellow liquid. |
| Odor | : | spicy, woody odor. |
| Flash point | : | 47 °C |
| Relative density | : | 0.900 to 0.935 |
| Solubility (ies) | : | Soluble in alcohol and oils. Insoluble in water. |
| Refractive index | : | 1.462 - 1.505 |
| Optical rotation | : | -4.0° - -2.0° |

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

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.

12. ECOLOGICAL INFORMATION

Ecotoxicity

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

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

2924

UN proper shipping name

Flammable liquids, corrosive, n.o.s. (Origanum compactum oil)

Transport hazard class

3

Packing group

III

US DOT Shipping Description (Land)

2924

Proper shipping name

Flammable liquids, corrosive, n.o.s. (Origanum compactum oil)

Class

3

Packaging group

III

IMO-IMDG Shipping Description (Sea)

2924

Proper shipping name

Flammable liquids, corrosive, n.o.s. (Origanum compactum oil)

Class

3

Packaging group

III

IATA Shipping Description (Air)

2924

Proper shipping name

Flammable liquids, corrosive, n.o.s. (Origanum compactum oil)

Class

3

Packaging group

III

15. REGULATORY INFORMATION

WHMIS Classification

B3, E

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, Methyl Chavicol.

GHS Hazard Statements

See section 2.

GHS Precautionary Statements

See section 2.

16. OTHER INFORMATION

Revision date : November 27, 2015

Disclaimer & Caution

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