

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Ajowan Essential Oil
 Botanical name : Trachyspermum copticum
 Synonyms : Ajwain, Indian Thyme, Trachyspermum ammi, Carum copticum
 INCI name : Carum Copticum Fruit Extract
 CAS # : 8001-99-8
 Country of Origin : India
 EINECS # : 91745-13-0
 Product use : Domestic and Industrial
 Supplier : Botanic Universe
 Address : 295 Alliance Rd. Unit 12 Milton Ontario, Canada, L9T 4W8
 Telephone number : 1-877-509-6457

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Hazardous to the aquatic environment, long-term hazard - Category 2

GHS Label elements, including precautionary statements



Signal: Not applicable

Hazard statement(s)

H411 Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P273 Avoid release to the environment.

P391 Collect spillage.

P501 Dispose of contents/container according to local regulations.

3. COMPOSITION / INFORMATION IN INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Thymol	89-83-8	201-944-8	20 - 60%

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

Do NOT induce vomiting unless to do so by medical personnel. Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention.

5. FIRE FIGHTING MEASURES**Suitable extinguishing media**

Carbon Dioxide, dry chemical or foam. Closed containers may build up pressure at elevated temperature. Use water spray or fog in case of huge fire.

Special protective equipment and precautions for fire-fighters

Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving essential oils or chemicals.

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

Keep away from drains, surface and ground water. Report spills to appropriate authorities as required.

Methods and materials for containment and cleaning up

Small spills should be absorbed with an inert material and put the spilled material in an appropriate waste disposal. 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**

Keep away from heat. Keep away from sources of ignition. Do not breath gas, fumes, vapour or spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Store in tightly closed HDPE or Aluminum containers in a cool dry place protected from light. 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**

These precautions are for room temperature handling. Use at elevated temperature or aerosol / spray applications may require additional precautions. An eyewash fountain and / or safety shower should be available in the work area. Acceptable industrial hygiene practices should be maintained.

Eyes

As a precaution, wear safety glasses or goggles. An eyewash and safety shower should be readily available.

Skin

Wear standard industrial type rubber gloves. A rubber apron is recommended when handling large quantities of this material.

Respiratory

Avoid breathing directly on the product. Apply local ventilation when appropriate. In case of insufficient ventilation, wear suitable respiratory equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Pale yellow to brownish yellow liquid.
Odor	:	Characteristic odor.
Flashpoint	:	57 °C
Relative density	:	0.880 to 0.950 @ 20 °C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.4830 to 1.5150 @ 20 °C
Optical rotation	:	-1.0° to +5.0°

10. STABILITY AND REACTIVITY

Chemical stability

Chemically stable. This material presents no significant reactivity hazard.

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

May irritate eyes.

Ingestion

Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting.

12. ECOLOGICAL INFORMATION

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

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

GHS Hazard Statements

Please refer to section 2.

GHS Precautionary Statements

Please refer to section 2.

16. OTHER INFORMATION

Revision date : June 14, 2018

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