



BAZARIA SYED MOHAMMAD  
KANNAUJ-209725 (U.P.) India  
Phone No : +91 9919229845 , +91 9838761305

IEC Code: 0615002404

Date : 23/4/2021

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

**Product Name:** Ajwain Oil  
**Botanical Name:** Trachyspermum ammi  
**INCI Name :** Trachyspermum ammi (Ajwain) Seed Oil  
**Product Code:** AJSO/NA/01  
**Product Use:** Personal Care Formulations & Commercial Use

**CAS No :** 8001-99-8 | **FEMA No :** 3066 | **EINECS No :** 97676-13-6

**Company Name :** iFRAGRANCE INDIA  
**Company Address:** Bazaria Syed Mohammad, Kannauj-209725, Uttar Pradesh, India  
**Phone :** +91 9919229845  
**Email :** ifrAGRANCEINDIA@gmail.com , info@ifrAGRANCEINDIA.com

### 2. HAZARDS IDENTIFICATION

#### 2.1 Substance Classification :

##### 2.1.1 Classification according to regulation (CE) n° 1 272/2008

| Class and category of hazard | Hazard Information |   |
|------------------------------|--------------------|---|
| Acute Tox. 4 ( ATO 4 )       | H302               | Harmful if swallowed                            |
| Asp. Tox. 1 ( AH 1 )         | H304               | May be fatal if swallowed and enters airways.   |
| Skin Irrit.1 ( SCI 1 )       | H314               | Causes skin irritation                          |
| Skin Sens. 1 ( SS 1 )        | H317               | May cause an allergic skin reaction.            |
| Eye Irrit. 1 ( EDI 1 )       | H318               | Causes serious eye irritation                   |
| Aquatic Chronic 3 ( C3 )     | H411               | Toxic to aquatic life with long lasting effects |

##### 2.1.2 Other Information :

Classification System \* CLP: In accordance with Regulation (EC) No 1272/2008 and its Annexes and that the IOFI \* / \* IFRA Labeling Manual in its current version.

Other Hazards: Refer to the recommendations regarding the storage of products ordered.



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**2.2 Labels :**

| Symbol of Danger | Reference of Danger |      |   |
|------------------|---------------------|------|---|
|                  | SGH02               | H302 | Harmful if swallowed                            |
|                  | SGH07               | H304 | May be fatal if swallowed and enters airways.   |
|                  | SGH08               | H314 | Causes severe skin burns and eye damage.        |
|                  |                     | H317 | May cause an allergic skin reaction.            |
|                  | SGH09               | H411 | Toxic to aquatic life with long lasting effects |

**Warnings :** Danger**Precaution Advises :**

|                |   |
|----------------|---|
| P260           | Do not breathe dust/fume/gas/mist/vapours/spray   |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.  |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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 |
| P310           | Immediately call a POISON CENTER/doctor   |
| P331           | Do NOT induce vomiting  |

**2.3 Other Hazards :**

Adverse physio-chemical properties  
Adverse effects on human health

Combustible but will not normally self-ignite  
The undiluted oil may cause skin sensitisation



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### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

#### **3.1 Kind of Product :**

Substance: CNS, Complex natural substance (100% pure and natural)

#### **3.2 Composition/Information on Ingredients :**

|   |  |           |
|---|--|-----------|
| CAS No : 89-83-8<br>EINECS No : 201-944-8   | Thymol   | < 45.00 % |
|   | Acute Tox. 4;H302- Skin Corr. 1B;H314- Eye Dam. 1;H318- Aquatic Chronic 2;H411   |           |
| CAS No : 99-85-4<br>EINECS No : 202-794-6   | p-Mentha-1,4-diene   | < 20.00 % |
|   | Flam. Liq. 3;H226- Repr. 2;H361- Asp. Tox. 1;H304- Aquatic Chronic 2;H411  |           |
| CAS No : 99-87-6<br>EINECS No : 202-796-7   | P-cymene   | < 20.00 % |
|   | Flam. Liq. 3;H226- Repr. 2;H361- Asp. Tox. 1;H304- Aquatic Chronic 2;H411  |           |
| CAS No : 1330-16-1<br>EINECS No : 215-533-6 | Pinene   | < 5.00 %  |
|   | Flam. Liq. 3;H226- Skin Irrit. 2;H315- Skin Sens. 1;H317- Asp. Tox. 1;H304- Aquatic Acute 1;H400- Aquatic Chronic 1;H410 |           |
| CAS No : 499-75-2<br>EINECS No : 207-889-6  | Carvacrol  | < 5.00 %  |
|   | Acute Tox. 4;H302- Skin Corr. 1B;H314- Eye Dam. 1;H318- Aquatic Chronic 2;H411   |           |

### 4. FIRST AID MEASURES

|                      |  |
|----------------------|--|
| Excessive inhalation | Move exposed person to fresh air. Keep the person warm and at rest. Call a doctor in case of persistence or worsening of adverse health effects. If unconscious, place the person in recovery position and call a physician immediately. Ensure good air circulation.  |
| After skin contact   | Wash with water, change clothes if necessary. If irritation persists, or if you see any skin injuries, consult a doctor.   |
| After eye contact    | <ul style="list-style-type: none"> <li>- Rinse immediately with plenty of vegetable oil by opening large eyes.</li> <li>- If possible, lift the upper lid and rinse. If irritation persists or you noticing any injury, consult your ophthalmologist with the product.</li> <li>- For contact lens wearers: Flush eyes immediately. The lenses are sure to fall while rinsing. If it does not, remove them after rinsing.</li> </ul> |



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|           |   |
|-----------|---|
|           | <p>Do not reuse.</p> <ul style="list-style-type: none"> <li>- For soft lenses: Laying the lens regardless of the renewal.</li> <li>- For hard lenses, they can be reused after a professional cleaning by your ophtamologist</li> </ul>   |
| Ingestion | <p>Rinse mouth with water. Move exposed person to fresh air. Keep the person warm and at rest. Do not induce vomiting unless directed by medical personnel. If vomiting occurs, keep head down to prevent the passage of vomit into the lungs. Call a doctor in case of persistence or worsening of adverse health effects. If unconscious, place the person in recovery position and call a physician immediately. Ensure good air circulation</p> |

Generally, if in doubt or if symptoms persist, consult a doctor. Never give anything by mouth to an unconscious person. It is recommended that those who provide first aid have personal protective equipment. No action shall be taken involving any personal risk or without suitable training.

**4.2 Symptoms / Effects Larger, Acute or Delayed:** N/A

**4.3 Indications of any immediate medical attention and special treatment needed:** N/A

## 5. FIRE-FIGHTING MEASURES

### **5.1 Extinguishing media :**

#### **5.1.1 Suitable extinguishing media :**

Carbon dioxide extinguishers or dry (Class ABC) fire extinguisher foam.

#### **5.1.2 Unsuitable extinguishing agents :**

Water spray

### **5.2 Special Hazards of Product :**

\_Possible production of toxic fumes in case of fire.

### **5.3. Advices for firefighters :**

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-specific ABC (or equivalent). If the fire is not important, it can be smothered by covering with earth, sand or blanket.



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## 6. MEASURES TO BE TAKEN IN CASE OF ACCIDENTAL DISPERSION.

### **6.1 Personal precautions, protective equipment and emergency procedures :**

Avoid all flammable sources. Ventilate premises. Do not smoke.

### **6.2 Precautions for environment protection :**

Avoid contamination of drains, surface water and groundwater. Dispose of rags, sponges, etc. used to mop up by current regulations.

### **6.3 Methods and materials for containment and cleanup :**

Large spills should be cleaned with inert absorbent material that will be scanned and then destroyed in accordance with existing regulations.

## 7. HANDLING AND STORAGE

### **7.1 Precautions for safe handling :**

Apply good manufacturing practice & industrial hygiene practices, ensuring proper work place ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

### **7.2 Conditions for safe storage, including any incompatibilities :**

Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

### **7.3 Specific use(s):** N/A



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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### 8.1 Control Parameters :

None

### 8.2 Exposure Control :

|   |                       |   |
|---|-----------------------|---|
|   | Eye Protection        | Use safety glasses.   |
|  | Hand Protection       | Avoid all skin contact. Use chemically resistant gloves if required.    |
|  | Hygiene Measures      | Wash hands with soap & water after handling.                            |
|  | Engineering Measures  | Ensure good ventilation of working area.                                |
|  | Respiratory Equipment | Avoid breathing product vapour. Apply local ventilation where possible. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties :

**Physical State:** Liquid**Color:** Clear To Pale Yellow Mobile liquid (est)**Odor:** Spicy To Characteristic of Ajwain**Specific Gravity (@ 20° C):** -- 0.910 To 0.930**Refractive Index 20°C:** -- 1.498 To 1.504**Flash Point:** > 80°C**Solubility in Water:** Insoluble



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**9.2 Other Information :**

None

**10. STABILITY AND REACTIVITY****10.1 Stability:**

Stable under normal conditions

**10.2 Conditions to Avoid:**

Sources of ignition, open flames, excessive heat or cold

**10.3 Incompatibility (Materials to Avoid):**

No information

**10.4 Hazardous Decomposition or Byproducts:**

No information

**10.5 Hazardous Polymerization:**

Liable to cause smoke &amp; acrid fumes during combustion: carbon monoxide, carbon dioxide &amp; other non-identified organic compounds may be formed.

**11. TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects :****Acute toxicity:** Acute Oral toxicity ( oral rat)  $\geq$  1900 mg/kgSkin rabbit LDLo  $\geq$  2 000 mg/kg FCT26,407,1988.**Acute toxicity oral:** Classified as category 4GHS & CLP following criteria under EU1272/2008**Skin corrosion / irritation:** Classified as Category 2 under GHS & CLP following criteria under EU 1272/2008**Serious eye damage/irritation :** Classified as Category 2 under GHS & CLP following criteria under EU 1272/2008**Respiratory or skin sensitization :** Classified as Category 2 under GHS & CLP following criteria under EU 1272/2008**Germ cell mutagenicity:** No significant effects or critical hazards**Carcinogenicity:** No significant effects or critical hazards.**Reproductive toxicity:** No significant effects or critical hazards.



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## 12. ECOLOGICAL INFORMATION

### **12.1 Toxicity :**

Hazardous to the Aquatic Environment- Long-term Hazard Category 2 under EU1272/2008. Considered a marine pollutant.

### **12.2 Persistence and Degradability :**

No data available.

### **12.3 Bio-accumulative Potential :**

No data available.

### **12.4 Mobility In Soil :**

No data available.

### **12.5 Results of PBT and VPV Bassessment :**

No data available.

### **12.6 Other adverse effects :**

No data available.

## 13. DISPOSAL CONSIDERATIONS

### **13.1 Waste Disposal Methods:**

Do not discharge into drains or watercourses. Recycle or dispose of in accordance with prevailing regulations, preferably by a collector or an approved company. Do not contaminate the soil or water with waste, do not dispose of them in the environment. Completely empty container. Conserve or labels on the container. Give to a certified disposal contractor.



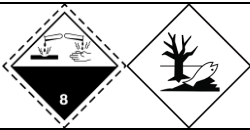


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#### 14. TRANSPORT INFORMATION

|                        |   |
|------------------------|---|
| Warning Icon           |  |
| Expedition Name        | EXTRACTS,AROMATIC,LIQUID (Trachyspermum ammi, oil)                                  |
| UN No. (Road/Air/Sea ) | UN 1760   |
| Packing Group          | III   |
| ADR/RID Class          | Class 8   |
| Hazard No (ADR)        | Not Available   |

#### 15. REGULATORY INFORMATION

##### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture :**

**15.1.1 EU Directives :** Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18th Dec2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.

**15.1.2 Special Provision :** Classified Installations Legislation for the Protection of the Environment (ICPE) in France. Table of occupational diseases specified in Article R 4613 of the Labor Code: Table No. 84 – disorders caused by organic solvents liquid for professional use.

**15.1.3 Statutory Instruments :** TheChemicals(HazardInformationandPackagingforSupplyRegulations2009 (S.I.2009No716).

**15.1.4 Approved Code of Practice :** Classification and Labelling of Substances and Preparations Dangerous for Supply.Safety Data Sheets for Substances and Preparations

**15.2 Chemical safety Assessment :** An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.



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## **16. OTHER INFORMATION**

### **16.1 Latest Change :**

The SDS content is governed by Article 31 of Regulation (EC) No. 1907/2006 (REACH).  
Completely revised version according to Regulation (EC) No 453/2010 of 20 May 2010.

### **16.2 Abbreviations and Acronyms :**

IFRA : International Fragrance Association

IMDG : International Maritime Dangerous Goods

INRS : Institut National de Recherche et de Sécurité

IOFI : International Organization of the Flavor Industry

GC : Gas Chromatography

PBT : Persistent Bioaccumulating Toxicants

PNEC : Predicted No Effect Concentration

RIFM : Research Institute for Fragrance Materials

STOT : Specific Target Organ Toxicity

vPvB : Very Persistent and Very Bioaccumulative substance

WGK : Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act)

### **16.3 Risk Phrases in full:**

R10: Flammable

R22:Harmful if swallowed.

R38: Irritating to skin.

R43: May cause sensitization by skin contact.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in  
The aquatic environment.

R65: Harmful:may cause lung damage if swallowed.



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**16.4 Hazard Statements in full:**

H226 : Flammable liquid and vapour

H302 : Harmful if swallowed

H304: May be fatal if swallowed and enters air ways

H315: Causes skin irritation

H317 : May cause an allergic reaction. Complies with REACH guidance for SDS as circulated by ECHA 2011.

**16.5 Advice on any appropriate training :**

Read the safety data sheet before using the product.

This MSDS complements the technical instructions, but does not replace them. The information it contains is based on the state of our knowledge of this product, at the date of update. They are given in good faith.

The mandatory regulations mentioned are to help the user to fulfill its obligations when using a dangerous product.