

CERTIFICATE OF ANALYSIS

AJOWAN OIL

PRODUCT NAME : Ajowan oil

BOTANICAL NAME : Trachyspermum ammi CAS no. 8001-99-8 ; 91745-13-0

EXTRACTION METHOD : Steam distillation

BATCH NUMBER : 4526510
BEST BEFORE DATE : December 2026

1. DESCRIPTION : Liquid

2. COLOUR : Pale yellow to brownish coloured

3. ODOUR4. SOLUBILITY5. Spicy, herbaceous, medicinal odour, reminiscent of thyme5. Soluble in alcohols and fixed oils; Insoluble in water

5. SPECIFIC GRAVITY :

6. REFRACTIVE INDEX :

7. MAIN CONSTITUENTS :

REMARK:

- 1. The above mentioned sample is as per standard quality with reference to above respect.
- 2. Storage condition: Keep in dark and cool place below 25 ° C in air tight drum up to the neck.



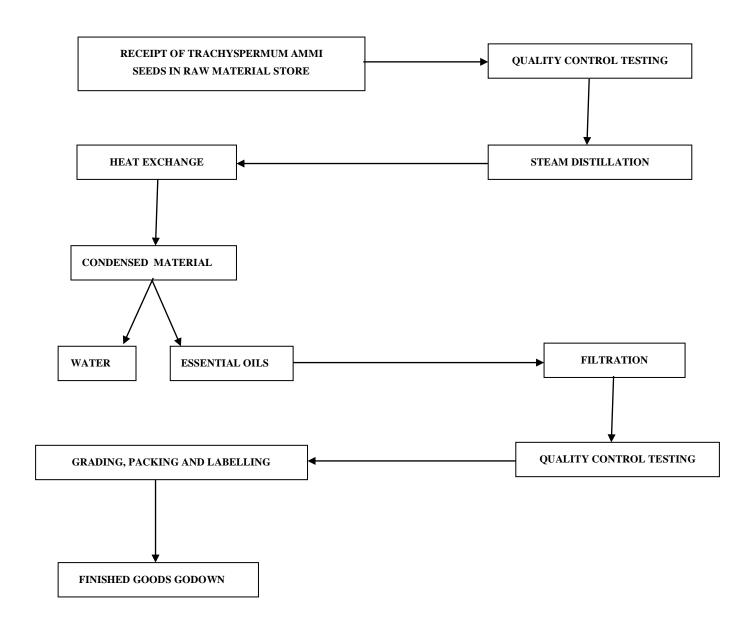
ALLERGEN SATEMENT

* A check mark () indicates the Allergen/Sensitive Agent is present. If blank it means that there is no Allergen/Sensitive present

| ALLERGEN/SENSITIVE AGENTS | |
|---|--|
| ALLERGEN/SENSITIVE AGENTS | |
| CORN & CORN PRODUCTS | |
| Includes modified starch, hydrolyzed protein,sweeteners,sugars, spice carriers | |
| EGG & EGG PRODUCTS | |
| liquid and powders | |
| FISH | |
| Includes any and all species of fresh and salt water fish | |
| GARLIC | |
| Dehydrated, powdered, granules, and flakes | |
| GLUTEN | |
| | |
| Wheat, rye, barley, oats, flour, etc. | |
| MILK & DAIRY PRODUCTS Includes whey, lactose, cheese, casein, spice carriers, milk, cream, etc. | |
| | |
| MONOSODIUM GLUTAMATE | |
| | |
| PEANUTS, PEANUT OIL & PEANUT DERIVED ITEMS | |
| Peanut meal, flour & ground nuts, szechwan sauce, mandelona nuts, etc. | |
| SESAME SEEDS & SESAME OIL | |
| | |
| CRUSTACEANS | |
| Shrimp, lobster, rock lobster, crab, crayfish, and products made from them | |
| MOLLUSKS | |
| Clams, mussels, oysters, scallops, and products made from them | |
| SOY | |
| Includes soya powder, protein, oil, lecithin, tofu | |
| SULFITES | |
| Includes sulfur dioxide, sodium dithionite, chemicals that lists sulfite, etc. | |
| TREE NUTS | |
| Includes almonds, beechnuts, bazil nuts, nutmeg, cashews, chestnuts, etc. | |
| WHEAT | |
| Includes hydrolyzed wheat protein, flour, gluten flour, starches | |
| MUSTARD & MUSTARD OIL | |
| | |
| LUPIN | |
| 201 111 | |
| CELERY | |
| OLLEN! | |
| | |

MYSTIC M@MENTS

FLOW CHART - AJOWAN OIL





Ajowan oil

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name : Ajwain oil

Company Name : Madar Corporation Limited

Company Address : 19 - 20 Sandleheath Indsutrial Estate, Fordingbridge, SP6 1PA

Date Issued : 22.07.2022 Emergency Telephone Number : 01425 655 555

2. COMPOSITION/INGREDIENT INFORMATION

Identity : Ajwain oil

Components : Essential oil 100%

CAS No : 8001-99-8

Hazardous components

3. HAZARDS IDENTIFICATION

Routes of Entry Eyes Skin Inhalation Ingestion

In case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

- Inflammation of the eye is characterized by redness, watering, and itching.
- Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering. Note: This liquid should not be used as a fragrance ingredient at a level over 1% in a compound when skin contact is possible.

4. FIRST AID MEASURES

Inhalation

Eyes : Remove contact lenses if applicable. Flush with plenty of water or

eye wash solution for 15 minutes.

Skin : Remove contaminated clothing. Wash with soap and flush with

plenty of water. Cover affected skin with an emollient.

Ingestion : Drink water or milk to dilute and contact poison control center or seek medical attention immediately.

: Avoid gross inhalation of fumes. Remove to fresh air

Serious Inhalation : Evacuate the victim to a safe area as soon as possible. Loosen

tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing,

perform mouth-to-mouth resuscitation.

Note : If irritation persists seek medical attention and show the label of

the container

5. FIRE FIGHITING MEASURES

Flammability : Non Flammable

Flash Point (Method Used) : >100Deg Close Cup

Extinguishing Media : Dry Chemical, Carbon Dioxide, Foam

Note

Do not use water jet.

Special Firefighting Procedures : Fire fighters should wear positive pressure self-contained

breathing apparatus. Cool containers exposed to flame with water

spray. Spray extinguishing media directly into base of fire.

Unusual Fire & Explosion Hazards

Hazardous Decomposition Materials

None

: CO, CO2, smoke and unidentified organic compounds may be

formed during combustion.

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Personal Protection : Wear a NOISH approved respirator. Avoid ingestion or contact with

skin and eyes.

Follow good industrial practice as to housekeeping, personal hygiene and avoidance of prolonged or repeated contact with the

skin or eyes.

Wear eye protection, gloves and aprons. Ventilate area well.

Methods for Cleaning Up : Eliminate all sources of ignition

Ventilate area

Prevent liquid from entering sewers

Small spills can be wiped up with paper rags (place in closed

metal waste container)

Large spills can be absorbed on to non-flammable absorbent.

Wash area with soap and water.

7. HANDLING AND STORAGE

Handling

Safe Handling : Avoid ingestion or contact with skin and eyes.

Follow good industrial practice as to housekeeping, personal hygiene and avoidance of prolonged or repeated contact with the

skin or eyes.

Storage Wear eye protection, gloves and aprons. Ventilate area well.

Requirements for Storage Areas and

Containers

Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place. Ground all equipment containing material.

Keep container dry. Keep in a cool place.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Threshold Limit Value : Not established OSHA Permissible Limit : Not established

Engineering Controls : Provide exhaust ventilation or other engineering controls to keep

the air borne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety

showers are proximal to the work-station location.

Work Practice Controls : Personal hygiene is an important work practice exposure control

measure and the following general measures should be taken

when working with or handling this material:

(1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.(2) Wash hands and face carefully before eating, drinking, using

tobacco, applying cosmetics, or using the toilet.

19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk

(3) Wash exposed skin promptly to remove accidental splashes or

contact with this material.

Respiratory : Avoid casual breathing of vapors

Ventilation : Local, mechanical exhaust in recommended

Eye : OSHA approved safety glasses

Skin : Wear chemical resistant gloves and clothing to avoid skin contact

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State : Liquid,

Color : Colorless to pale yellow Odor : Characteristic of Ajwain

Vapor Pressure (mm Hg.) : Not available Boiling Point : Not available

Melting Point : N/A

 $\begin{array}{lll} \text{Specific Gravity (H2O = 1)} & : & 0.910 - 0.930 \\ \text{Refractive Index} & : & 1.498 - 1.504 \end{array}$

Solubility in Water : Insoluble in Water

10. STABILITY AND REACTIVITY

Stability : This material is stable under normal conditions.

Incompatibility (Materials to Avoid) : Avoid contact with strong oxidizing agents and avoid hot

work and sources of ignition on or near empty containers.

Conditions to Avoid : Avoid contact with sparks, flame and heat.

Hazardous Decomposition or

CO, CO2, smoke and unidentified organic compounds may be

Byproducts : formed during combustion.

Hazardous Polymerization : Will Not Occur

11. TOXICOLOGICAL INFORMATION

CAUTION : Liquid may be irritating to eyes, skin, mucous membranes.

Toxicity : N/A

Chronic Effects on Humans : Not available

Other Toxic Effects on Humans :

Hazardous in case of skin contact (irritant, permeator), of

inhalation.

Listed as a Carcinogen : No

12. ECOLOGICAL INFORMATION

No information. This is a complex mixture there for which no environmental criteria available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods : There should be no product residues. Dispose according to local,

state and Federal regulations.

Precautions : Prevent surface contamination of soil, ground and surface water.

14. TRANSPORT INFORMATION

DOT Hazard Classification : NA Identification : NA

15. REGULATORY INFORMATION

R phrases

R38 : irritating to skin
R36 : Irritating to eyes

R43 : May cause sensitization by skin contact.

Safety Phrases

S7
S16
Keep container tightly closed.
Keep away from source of ignition
S24/25
Avoid contact with skin and eyes.

 FDA no
 : 182.2

 FEMA no
 : NA

HS Code : 33012590

16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however; all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.



TECHNICAL SPECIFICATION SHEET

GENERAL INFORMATION

PRODUCT NAME AJOWAN OIL

IUPAC/INCI NAME

BOTANICAL NAME Trachyspermum Ammi Seed Oil

PART PLANT

CAS No. 8001-99-8/91745-13-0

EINECS No. 294-681-3 FEMA No. 2153 TARRIF CODE 15159030

DISTILLATION STEAM DISTILLATION

COUNTRY INDIA

ORGANOLEPTIC PROPERTIES

APPEARANCE Liquid

ODOUR Warm, Spicy, Pungent, Typical odor of Thyme

COLOUR Yellow To Brown

CHEMICAL/PHYSICAL PROPERTIES

OPTICAL ROTATION (20°C)

REFRACTIVE INDEX (25° C) 1.487 - 1.504

FLASH POINT

SOLUBILITY Insoluble in Water

ACIDITY & ALKALINITY

STATUS

DENSITY (20° C) 0.890 - 0.930

ASSAY (%GC)

COMPOSITION Linalool <0.5%

CERTIFICATION Certificate of analysis and material safety data sheet will accompany the consignment

NATURAL STATUS This product is in accordance to the requirements of Articles 3 (2) (d) of

Regulation (EC) 1334/2008 and therefore can be designated as natural.

This product does not contain any solvents or additives

FOOD GRADE Conforms with EU Regulations and can be used in food

HALAL CERTIFICTATE YES

INTENDED USE Fragrance / Flavour

SHELF LIFE

Best before 730 days under the specified storage conditions

The label displays product name, lot number, net weight, gross weight and otherinformation/marks specified by the customer.

This is a computer generated document and is therefore not signed.

MYSTIC M@MENTS

HANDLING Avoid contact with skin and eyes. Wear face shields/goggles and hand gloves while

handling.

GMO STATEMENT This product and the raw materials used to produce said product are free from GMO

STORAGE Store in full, tight containers in a cool dry place protected from light & oxidation.

FRAGRANCE ALLERGEN Complies with Regulation (EU) No 1169/2011 Linalool <0.5%

FOOD ALLERGEN NIL ADDITIVES NII

SUITABILITY DATA Kosher/Halal certified

IFRA 49 Linalool <0.5%

Cuminaldehyde <1%

Carvone <1%

REMARKS Criteria for contaminants defined as per different country regulations & customer

requirements. For matrix and testing of contaminants as per FSSAI refer Annexure

SYN/FSSR/01).

PESTICIDE RESIDUE Complies with EU 396 / 2005 Meets the legislative regulation of the

respective countries(Enrichment factor is considered)

BENEFITS



VEGAN STATEMENT

| Ma alsa harabu daglara th | at it does not contain a | nu animal ingradiants ar | ranimal by products | No onimal |
|---------------------------|--------------------------|--------------------------|---------------------|------------|
| We also hereby declare th | at it does not contain a | ny animai ingredients or | animai by products. | ivo animai |

We hereby declare that Ajowan oil supplied by us is compliant with a vegan or vegetarian diet.

ingredients orby products have been used during the manufacturing process.