

# MYSTIC MOMENTS

## CERTIFICATE OF ANALYSIS

Product Name	<b>CELERY SEED OIL</b>	Product Code	<b>EO - 1016</b>
Lot Number	4470605	Botanical Name	<i>Apium Graveolend L</i>
Best Before	May 2025	Production Method	Steam distillation
		Country of Origin	India

Parameter	Specification	Result	Method
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### Physical and Analytical Parameters

Appearance	Free flowing clear liquid	Complies	Visual
Colour	Pale yellow to Light Brown	Complies	Visual
Odour _	Characteristic pleasant aroma of indian celery	Complies	Organoleptic
Specific gravity at 25°C	0.870 to 0.910	0.8710	FCC
Refractive Index at 20°C	1.4720 to 1.490	1.4790	FCC
Optical rotation	+48 <sup>0</sup> to +78 <sup>0</sup>	+70.9 <sup>0</sup>	FCC

### Heavy Metal Analysis

Total Heavy Metals	< 10 ppm	Complies	ICP - MS
Arsenic	< 1 ppm	Complies	ICP - MS
Lead	< 3 ppm	Complies	ICP - MS
Mercury	< 0.1 ppm	Complies	ICP - MS
Cadmium	< 1 ppm	Complies	ICP - MS

Warning : The product is irritant, avoid contact with skin and eyes.

Storage : Do not store in close proximity to heat, sparks, open flames, strong acids, and strong bases. To minimise product degradation, avoid prolonged exposure of the material to air. Keep container tightly closed when not in use. Mix well before use.

Shelf life: Not more than 3 Years, when stored as recommended above.

# MYSTIC MOMENTS

## ALLERGENS DECLARATION

Product Name	<b>CELERY SEED OIL</b>

Directive 2000/13/EC regarding labelling, presentation and advertising of Foodstuffs, Article 6(3a), 10 & 11, and Annex 111a, as amended by Directive 2007-68-EC, establishes a list of food ingredients which must be indicated on the label of foodstuffs as they are likely to cause adverse reactions in susceptible individuals.

## MAJOR ALLERGENS CHECKLIST

COMPONENT	PRESENT IN THE PRODUCT	PRESENT IN THE SOURCE	PRESENT IN SAME LINE	PRESENT IN SAME PLANT
Cereals containing gluten (i.e. Wheat, rye, barley, oats, spelt, kamut or their hybridised strains and products thereof, except, a) wheat based glucose syrups including dextrose b) Wheat based maltodextrins c) glucose syrups based on barley d) cereals used for making distillates or ethyl alcohol of agricultural origin for spirit drinks and other alcoholic beverages.	Nil	Nil	Nil	Nil
Crustaceans and products thereof	Nil	Nil	Nil	Nil
EGGS and products thereof	Nil	Nil	Nil	Nil
FISH and products thereof except:- a) fish gelatine used as a carrier for vitamin or carotenoid preparations b) fish gelatine or isinglass used as fixing agent in beer and wine.	Nil	Nil	Nil	Nil
Peanuts and products thereof	Nil	Nil	Nil	Nil
Soybeans and products thereof, except a) fully refined soybean oil and fat b) natural mixed tocopherols (E306) natural D-alpha tocopherol, natural D-alpha tocopherol acetate, natural D-alpha tocopherol succinate from soybean sources c) vegetable oils derived phytosterols and phytostrol esters from soybean sources d) plant stanol ester produced from vegetable oil sterols from soybean	Nil	Nil	Nil	Nil
MILK and products thereof (including lactose), except a) whey used for making distillates or ethyl alcohol of agricultural origin for spirit drinks and other alcoholic beverages b) Lactitol	Nil	Nil	Nil	Nil
Nuts i.e. almonds ( <i>Amygdalus communis L</i> ), hazelnuts ( <i>Corylus avellana</i> ), walnuts, ( <i>Juglans regia</i> ), cashews ( <i>Anacardium occidentale</i> ), pecan nuts ( <i>Carya illinoises (Wangenh) K. Koch</i> ), Brazil nuts ( <i>Bertholletia excelsa</i> ), pistachio nuts ( <i>Pistacia vera</i> ), macadamia nuts and Queensland nuts <i>Macadamia ternifolia</i> , and products thereof, except a) nuts used for making distillates or ethyl alcohol of agricultural origin for spirit drinks and other alcoholic beverages.	Nil	Nil	Nil	Nil

# MYSTIC MOMENTS

Celery and Products thereof	YES	YES	Nil	Nil
Mustard and products thereof	Nil	Nil	Nil	Nil
Sesame seeds and products thereof	Nil	Nil	Nil	Nil
Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10mg/litre as SO <sub>2</sub>	Nil	Nil	Nil	Nil
Lupin and products thereof	Nil	Nil	Nil	Nil
Molluscs and products thereof	Nil	Nil	Nil	Nil

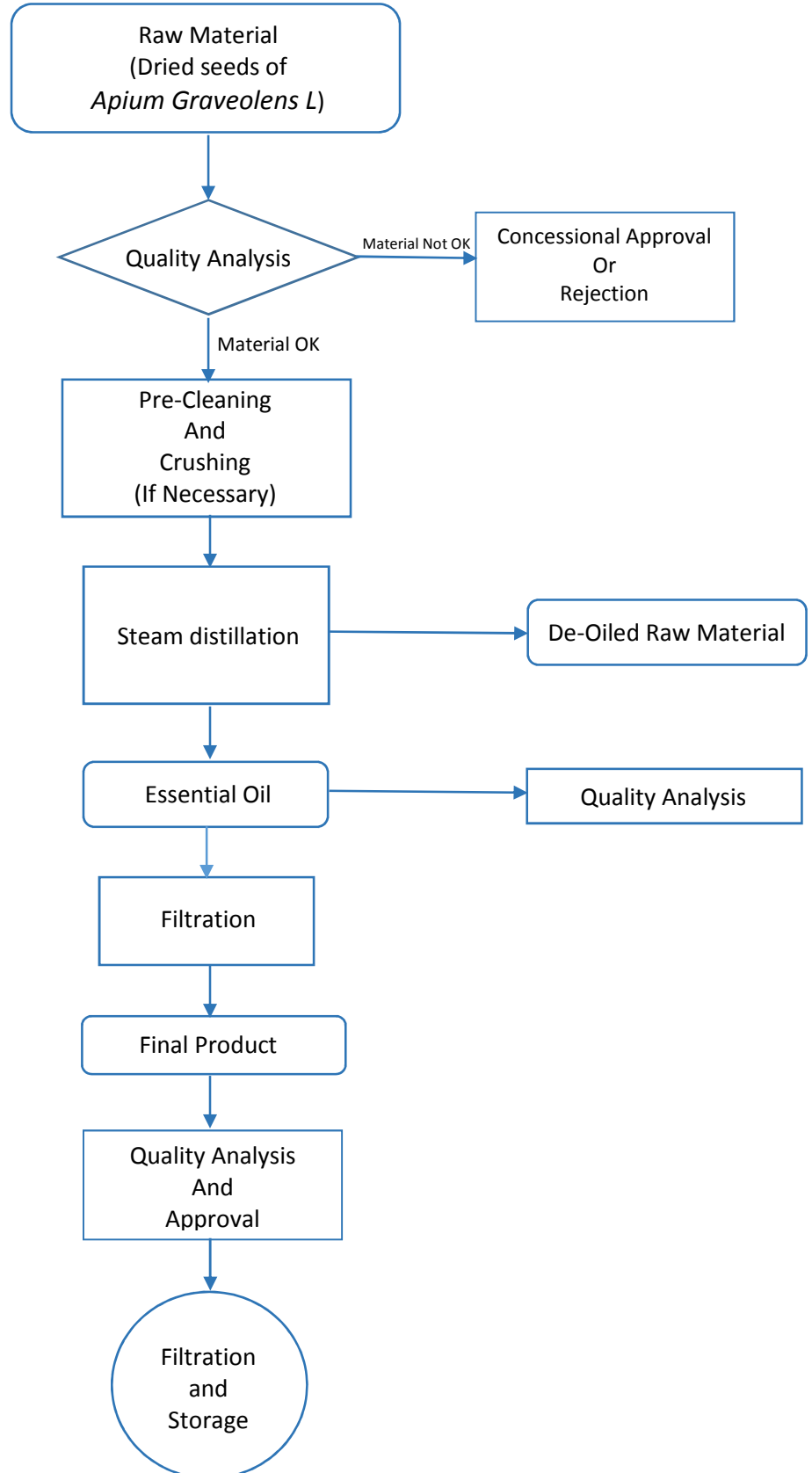
## PREVENTION OF CROSS CONTAMINATION

<b>Method</b>	Working spaces and the equipments are cleaned and the goods are stored under standard conditions
<p>The above is based on the main allergens referred to in the following: -</p> <p>FDA: The Food Allergen Labelling and Consumer Protection Act of 2004(August 2004) (Title II of Public Law 108-282) effective from 1<sup>st</sup> Jan 2006.</p> <p>Annex IIIa, of the Council Directive (EC) No 2003/89 of the 10<sup>th</sup> November 2003, amending Directive 2000/13/EC as regards indication of the ingredients present in foodstuffs. Further amended by Council Directive 2007/68/EC of the 27<sup>th</sup> November 2007</p> <p>Codex Alimentarius: General Standard for the labelling of pre-packaged foods, Codex Standard 1-1985 (Rev 1-1991)</p>	

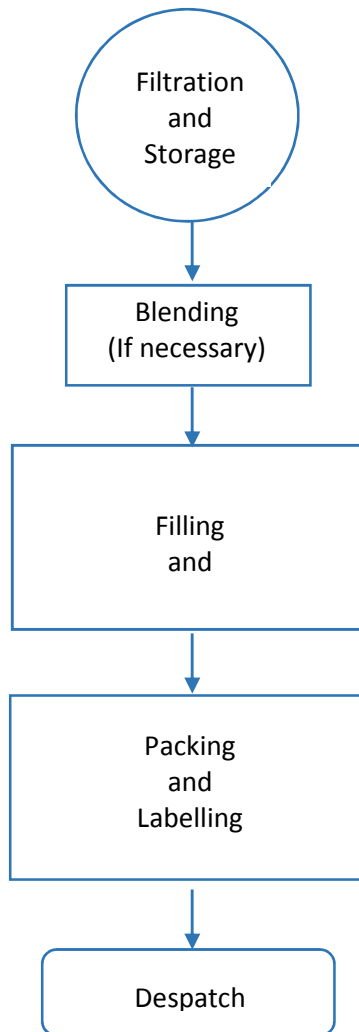
We hereby Declare that the information provided above is True to the best of our knowledge and hence the aforementioned Product does not Contain elements that cause Adverse reactions in Susceptible Individuals as per the references provided in the respective Columns.

# MYSTIC MOMENTS

## PROCESS FLOWCHART FOR CELERY SEED OIL



# MYSTIC MOMENTS



24-06-2017

## IFRA 48<sup>TH</sup> AMENDMENT CONFIRMATION

**PRODUCT NAME** : **CELERY SEED OIL**

**CAS NUMBER** : **8015-90-5**

**FEMA NUMBER** : **2271**

**CHEMICAL NAME** : **Apium Graveolens L**

We hereby declare that the above material s confirms to the following requirements:

- The product is manufactured as per IFRA code of practices.
- The product is neither restricted nor prohibited by IFRA for use in Fragrances.
- Product is manufactured in keeping intention of the fragrance use.
- The product confirms to IFRA 48<sup>th</sup> amendment.

# MYSTIC MOMENTS

## SPECIFICATION SHEET / MATERIAL SAFETY DATA SHEET

### SPECIFICATION SHEET

Product : CELERY SEED OIL  
CAS # 8015-90-5

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TEST	REQUIREMENT	RESULTS
Appearance	Free flowing liquid	Conforms
Colour	Pale yellow to brownish yellow	Conforms
Odour	Characteristic pleasant aroma of Indian Celery	Conforms
Specific gravity @25 <sup>0</sup> C	Between 0.870 and 0.910	Conforms
Refractive Index @ 20° C	Between 1.4800 and 1.4900	Conforms
Optical rotation	Between +48 and +78	Conforms
Limonene (by GC)	70-80 %	Conforms
Selinene (by GC)	Minimum 10 %	Conforms
Heavy Metal	Less than 5ppm	Conforms
Microbial	Not Applicable	NA

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### **QUALITY CONTROL:**

1. The product is subjected to all the required analysis to conform the internal specification (As detailed above).
2. The product is subjected gas chromatographic analysis to find out the percentage of Specific components, GC profile and impurities.
3. The product is subjected to careful organoleptic examination.

### **STANDARDS:**

Oil confirms to internal specifications (As detailed above).  
Specific purpose blends can also be supplied on request.

# MYSTIC MOMENTS

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION

Product Name : Celery seed oil  
Category of product : Essential oil  
Description : The product is Natural and is obtained by the steam Distillation of the seeds of *Apium Graveolens L*  
CAS Number : 8015 - 90-5  
Physical state : Liquid  
Colour : Pale yellow to brownish yellow.  
**Company** : Madar Corporation Limited  
19 - 20 Sandealth Industrial Estate  
Fordingbridge  
Hampshire  
SP6 1PA  
Phone: +44 (0)1425 655555  
Email: [technical@madarcorporation.co.uk](mailto:technical@madarcorporation.co.uk)

### 2. COMPOSITION

<u>CAS NO</u>	<u>MAJOR INGREDIENTS</u>
5989-27-5	d- Limonene
17066-67-0	Beta Selinene
6066-49-5	n-Butyl Phthalide

----- EC Classifications-----

#### SYMBOL(S)

Xi > Irritant

#### RISK PHRASES

R10 > Flammable  
R36 > Irritating to eyes  
R38 > Irritating to skin  
R22 > Harmful if swallowed

#### SAFETY PHRASES

S16 > Keep away from sources of ignition - No smoking  
S24 > Avoid contact with skin  
S25 > Avoid contact with eyes



# MYSTIC MOMENTS

## 3. HAZARDS IDENTIFICATION

### **Risk Summary**

Flammable, Harmful if swallowed.  
It is irritating to eyes and skin.

## 4. FIRST AID MEASURES

### **Eye Contact**

Flush with water for at least 15 minutes. If irritation develops, get medical attention

### **Skin contact**

Remove contaminated clothing. Wash affected area with plenty of soap water. If irritation develops, get medical attention.

### **Inhalation**

Seek fresh air immediately. If breathing is difficult, get medical attention.

### **Ingestion**

Drink lot of water to dilute substance. Get medical attention.

## 5. FIRE FIGHTING MEASURES

### **Means to Extinguish**

Carbon dioxide, dry chemical, foam. If water must be used, use as a spray only.

### **Unusual Fire/ Explosion Hazards**

Flammable liquid. Avoid heat, sparks and open flames. Non explosive.

## 6. ACCIDENTAL RELEASE MEASURES

### **Personal precaution**

Specifically given in section 8.

### **Environmental precautions**

Do not discharge into streams, ponds or Public waters.

### **Cleanup Procedures**

Small spills should be adsorbed by dirt, sand or other adsorbent. Large spills may be diked and pumped into closed containers for recovery or disposal.

# MYSTIC MOMENTS

## 7. HANDLING AND STORAGE

### Handling

Wear safety glasses, rubber gloves and apron when handling.

### Storage

Do not store in close proximity to heat, sparks, open flames, strong acids, and strong bases. To minimise product degradation, avoid prolonged exposure of the material to air. Keep container tightly closed when not in use.

### Shelf life

Not more than 3 years, when stored as recommended above.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

### EXPOSURE CONTROLS:

#### Ventilation

Mechanical exhaust may be needed in confined and warm areas.

#### Safety Station

An eyewash and safety shower should be readily available.

#### Contaminated Equipment

Clean contaminated equipment with soap and water.

### PERSONAL PROTECTION EQUIPMENT:

#### Eye Protection

As a precaution, wear safety glasses or goggles.

#### Hand protection

Wear standard industrial type rubber gloves.

#### Skin Protection

A rubber apron is recommended when handling large quantities of this material.

#### Respiratory protection

A respirator is not normally required. If vapor concentration is high use a organic vapour respirator.

# MYSTIC MOMENTS

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Volatile clear mobile liquid
Colour	:	Pale yellow to brownish yellow
Odour	:	Characteristic pleasant aroma of Indian Celery
Boiling point	:	Not determined
Vapour pressure	:	Not determined.
Flash point	:	40 <sup>0</sup> C closed cup
Oxidising properties	:	Not determined
Explosive properties	:	Not explosive.
Flammability limits	:	Not determined.
Specific Gravity @ 25 <sup>0</sup> C	:	Between 0.870 and 0.910
Refractive index @ 20 <sup>0</sup> C	:	Between 1.4800 and 1.4900
Optical rotation	:	Between +48 and +78
D-Limonene (by GC)	:	70-80 %
Beta Selinene (by GC)	:	Minimum 10 %
Solubility in water (Weight %):	:	< 0.1
Solubility in 90% Alcohol	:	6 to 8 volume with turbidity

## 10. STABILITY AND REACTIVITY

### Conditions to Avoid

Prolonged or excessive heat and/or exposure to air may cause decomposition or oxidation of the material.

### Materials to avoid

Contact with Chemicals may decompose the ingredients present in it. If possible avoid contact with all kinds of Chemical.

## 11. TOXICOLOGICAL INFORMATION

Not Available

## 12. ECOLOGICAL INFORMATION

Not Available

## 13. DISPOSAL CONSIDERATION

In event of spillage, the oil can be contained by sand or soil and absorbed by paper from which the oil will evaporate.

# MYSTIC MOMENTS

## **14. TRANSPORT INFORMATION**

The oil can be safely stored or transported in sound metal drums or bottles at ambient temperatures. Store in full sealed containers, keep cool and protect from light to preserve quality, preferred container for long term storage - stainless steel or glass.

### **AIR FREIGHTS:**

Air freights are done in conformance to latest IATA/ICAO regulations with the name and address of the notifying party on the cartons

## **15. REGULATORY INFORMATION**

### REGULATORY STATUS

The product is listed in CAS

CAS# 8015- 90- 5

The product is registered in FDA, Fema and in the council of Europe.

FDA NO # 182.20

Fema NO # 2271

Council of Europe NO# 52n

H-No. #3301.29

H.S.CODE (CUSTOMS TARRIF CODE) # 3301 29 46

## **16. OTHER INFORMATION**

### REFERENCES

1. The Essential oils by Gunther Volume V
2. Wealth Asia disk 2.2(Publication of CSIR, India)
3. Essential oils 1976- 1978 by Dr. Brain M Lawrence
4. Food Chemical codex
5. Source Book of Flavours by Gary Reineccius

USES: The oil is used as flavour ingredient.

*Computer edited Certificate - valid without signature*

*UPDATED ON 01/01/2017*

## TECHNICAL DATA SHEET

### Product: Celery Seed Oil

CAS NO : 8015-90-5

FEMA NO: 2271

HS CODE: 3301 2946

#### Description:

Celery Seed Oil is obtained by the steam distillation of dried seeds of *Apium Graveolens L*

#### Organoleptic characteristics:

Pale yellow to brownish yellow free flowing clear liquid with a characteristic pleasant aroma of Indian Celery

ANALYTICAL QUALITY		
Parameters	Specifications	Test Method
Specific gravity @ 25 <sup>o</sup> C	0.870 to 0.910	GLE/QC/108 (ref:FCC)
Refractive Index @ 20 <sup>o</sup> C	1.480 to 1.490	GLE/QC/107 (ref:FCC)
Optical Rotation	+48 <sup>o</sup> to +78 <sup>o</sup>	GLE/QC/109 (ref:FCC)
Limonene (by GC)	70% - 80%	GLE/QC/112

HEAVY METALS		
Arsenic	Less than 3 ppm	ICP-MS
Lead	Less than 3 ppm	ICP-MS
Cadmium	Less than 1 ppm	ICP-MS
Mercury	Less than 0.1 ppm	ICP-MS

#### Halal & Kosher:

Certified by Halal Certification Services India Pvt Ltd and Star-K Kosher (USA).

#### Additives:

No additives

#### GMO Status:

The product is free from Genetically Modified Organisms.

#### Flavouring Status according to US (21 CFR 101-22) and EC(1334/2008) :

Natural Flavouring Preparation

#### Packaging

18 kg/20 Kg/ 180 Kgs HDPE pails/barrels or as per customer requirement.

#### Storage:

Keep in full & tight containers away from direct heat and light at ambient temperature (24-25<sup>o</sup>c).

#### Shelf Life:

Not more than 3 years from the date of manufacture when stored under specified storage conditions.

# MYSTIC MOMENTS

## **Vegetarian & Vegan Suitability Statement**

PRODUCT NAME: Celery Seed

MADAR Corporation Limited can confirm that the above listed product has not been tested in animals and does not contain dairy or any other animal product, by product or derivative and is therefore suitable for vegetarian and vegan use.

28/06/19