

## Certificate of Analysis

Product:	Coriander Seed Oil
Code:	OECROI
Batch No:	4390613
Date of Expiry:	March 2023

### Physical and Wet Analysis

Test	Specification	Result	Pass/Fail
State:	Mobile liquid	Conforms	PASS
Odour:	Floral spicy	Conforms	PASS
Appearance:	Water white to pale yellow liquid	Conforms	PASS
SG @ 20°C:	0.8590 to 0.8790	0.8687	PASS
OR @ 20°C:	5.0 to 13.0	9.7	PASS
RI @ 20°C:	1.459 to 1.469	1.463	PASS

### Statement of Conformity

We confirm that this delivery conforms to Specification

## ALLERGEN DECLARATION

We hereby confirm that the following item contains the components listed below. Stated are the total levels added plus levels from natural ingredients. The information is supplied to enable compliance with Cosmetic and Detergent regulations.

### Coriander Seed Oil

Component	CAS	EC	Max Concentration
Eugenol	97-53-0	202-589-1	2%
Geraniol	106-24-1	203-377-1	1.5%
Linalool	78-70-6	201-134-4	73%
d-Limonene	5989-27-5	227-813-5	4%

Product:	Coriander Seed Oil
Code:	OECORI

There is now an undeniable widespread use of genetic technology in the food chain, particularly in the use of GMO enzymes. Although we have taken all reasonable steps to ensure that they have not been used in the above, we can NOT make any absolute claims as to their absence in our products, since it is feasible that this technology could have been used in the production of the raw material.

## IFRA CONFORMITY CERTIFICATE

**Product:** Coriander Seed Oil

We certify that the above item is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA) - 48th Amendment / published July 9th 2015, provided it is used in line with the below concentrations.

IFRA classes [see annex for detail]	Maximum level of use
IFRA Class 1 Limit	10%
IFRA Class 2 Limit	10%
IFRA Class 3.A Limit	25%
IFRA Class 3.B Limit	25%
IFRA Class 3.C Limit	25%
IFRA Class 3.D Limit	25%
IFRA Class 4.A Limit	25%
IFRA Class 4.B Limit	25%
IFRA Class 4.C Limit	25%
IFRA Class 4.D Limit	25%
IFRA Class 5 Limit	25%
IFRA Class 6 Limit	100%
IFRA Class 7.A Limit	20%
IFRA Class 7.B Limit	20%
IFRA Class 8.A Limit	25%
IFRA Class 8.B Limit	25%
IFRA Class 9.A Limit	25%
IFRA Class 9.B Limit	25%
IFRA Class 9.C Limit	25%
IFRA Class 10.A Limit	25%
IFRA Class 10.B Limit	25%
IFRA Class 11 Limit	100%

## IFRA CONFORMITY CERTIFICATE

For other kinds of application or use at higher concentration levels, a new evaluation may be needed; please contact MADAR Corporation Ltd.

Contains the following substances restricted by the current IFRA Standards:-

Component	CAS	Max Concentration
Eugenol	97-53-0	2%
Geraniol	106-24-1	1.5%

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee.

Evaluation of individual components is made according to the safety standards contained in the relevant section of the IFRA Code of Practice 48th amendment/published July 2015.

It is the ultimate responsibility of our customer to ensure the safety of the final product by further testing if required.

**Regulatory Affairs Department**

## IFRA CONFORMITY CERTIFICATE

### ANNEX: Definition of IFRA Classes

Finished product types	IFRA class
Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.); Children's Toys	IFRA Class 1 Limit
Deodorant and Antiperspirant Products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deo-cologne and body spray, etc.); Nose pore strips; Fragranced Bracelets	IFRA Class 2 Limit
Hydroalcoholic Products Applied To Recently Shaved Skin (includes After Shave) (Edt range)	IFRA Class 3.A Limit
Hydroalcoholic Products Applied To Recently Shaved Skin (includes After Shave) (Fine fragrance range)	IFRA Class 3.B Limit
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc.) including eye care; Men's Facial Creams and Balms; Baby Creams, Lotions, Oils; Body Paint for Children	IFRA Class 3.C Limit
Tampons	IFRA Class 3.D Limit
Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum (Edt range); Ingredients of Perfume Kits; Scent Pads, Foil packs; Scent Strips for hydroalcoholic products	IFRA Class 4.A Limit
Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum (Fine fragrance range)	IFRA Class 4.B Limit
Hair Styling Aids Sprays of all types (pumps, aerosol sprays, etc.); Body Creams, Oils, Lotions of all types (except baby creams, lotions and oils); Body sprays (including Body Mist) with no intended or reasonably foreseeable use on the axillae; Fragrance Compounds for Cosmetic Kits; Foot Care Products; Hair deodorant; Body Paint (except those for children)	IFRA Class 4.C Limit
Fragrancing Cream; Solid perfumes	IFRA Class 4.D Limit
Women's Facial Creams/Facial Make-up; Hand Cream; Hand sanitizers; Facial Masks; Baby Powder and Talc; Hair Permanent and other hair chemical treatments (e.g. relaxers) but not hair dyes; Wipes or Refreshing Tissues for Face, Neck, Hands, Body; Dry Shampoo or Waterless Shampoo	IFRA Class 5 Limit
Mouthwash, including Breath Sprays; Toothpaste	IFRA Class 6 Limit
Intimate Wipes; Baby Wipes	IFRA Class 7.A Limit
Insect Repellent (intended to be applied to the skin)	IFRA Class 7.B Limit
Make-up Removers of all types (not including face cleansers); Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners, etc.); Nail Care; Powders and talcs, all types (except baby powders and talcs)	IFRA Class 8.A Limit
Hair Dyes	IFRA Class 8.B Limit
Conditioner (Rinse-Off); Liquid Soap; Shampoos of all types (including baby shampoos); Face Cleansers of all types (washes, gels, scrubs, etc.); Shaving Creams of all types (stick, gels, foams, etc.); All Depilatories (including waxes for mechanical hair removal); Body Washes of all types (including baby washes) and Shower Gels of all types; Bar Soap (Toilet Soap); Bath Gels, Foams, Mousses, Salts, Oils and Other Products added to bathwater	IFRA Class 9.A Limit
Feminine hygiene - pads, liners; Toilet paper; Wheat bags	IFRA Class 9.B Limit
Facial tissues; Napkins; Paper towels; Other Aerosols (including air freshener sprays and air freshener pump sprays, but not including deodorants/antiperspirants, hair styling aids sprays); Fragranced Face Masks (not intended to be used as medical device)	IFRA Class 9.C Limit
Handwash Laundry Detergents of all types including concentrates; Fabric Softeners of all types including fabric softener sheets; Household Cleaning Products, Other Types (fabric cleaners, soft surface cleaners, carpet cleaners, etc.); Machine Wash Laundry Detergents (liquids, powders, tablets, etc.) including laundry bleach and concentrates; Hand Dishwashing Detergent including concentrates; Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.); Shampoos for pets; Dry cleaning kits; Scented gloves, socks, tights with moisturizers	IFRA Class 10.A Limit
Diapers; Toilet seat wipes	IFRA Class 10.B Limit
All non-skin contact or incidental skin contact including: Candles; Air Fresheners and Fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, solid substrate, membrane delivery, electrical); Air Delivery Systems; Cell phone cases; Pot pourri, powders, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), Reed diffusers; Liquid refills for air fresheners (cartridge systems); Shoe Polishes; Deodorizers/Maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders); Insecticides (mosquito coil, paper, electrical, for clothing etc.) excluding aerosols; Scent delivery system using a dry air technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulization); Air freshening crystals; Toilet Blocks; Joss Sticks or Incense Sticks; Machine Dishwash Detergent and Deodorizers; Machine-only Laundry Detergent (e.g. liquid tabs); Plastic articles (excluding toys); Fuels; Fragranced lamp ring; Scent pack; Scratch and Sniff (sampling technology); Paints; Cat litter; Animal sprays (all types); Treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics); Floor wax; Odored Distilled Water (that can be added to steam irons)	IFRA Class 11 Limit



## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Coriander Seed Oil

**Version:** 5

### Section 1. Identification of the substance or the mixture and of the supplier

#### 1.1 Product Identifier

**Product identifier:** Coriander Seed Oil; CAS: 84775-50-8

**Other identifiers:** Coriander Seed Oil CORC002 Coriander, ext.

#### 1.2 Relevant identified uses of the substance of mixture and uses advised against

**Product uses:** Flavours, Fragrances

#### 1.3 Details of the supplier of the safety data sheet

**Company name:** MADAR Corporation Ltd

**Company address:** Unit 19-20 Sandleheath Industrial Estate  
Fordingbridge  
Hampshire  
SP6 1PA

**E-Mail address:** sales@madarcorporation.co.uk

**Company phone:** +44 (0) 1425 655555

#### 1.4 Emergency telephone number

**Emergency phone:** +44 (0) 1425 655555

### Section 2. Hazards identification

#### 2.1 Classification of the substance or mixture

##### **Classification under Regulation (EC) No 1272/2008**

**Class and category of danger:** Skin Corrosion / Irritation Category 2  
Eye Damage / Irritation Category 2  
Sensitization - Skin Category 1  
Aspiration Hazard Category 1  
Hazardous to the Aquatic Environment - Long-term Hazard Category 2  
H304, May be fatal if swallowed and enters airways.  
H315, Causes skin irritation.  
H317, May cause an allergic skin reaction.  
H319, Causes serious eye irritation.  
H411, Toxic to aquatic life with long lasting effects.

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Coriander Seed Oil

**Version:** 5

### 2.2 Label elements

#### Classification under Regulation (EC) No 1272/2008

**Signal word:** Danger

**Hazard statements:** H304, May be fatal if swallowed and enters airways.  
H315, Causes skin irritation.  
H317, May cause an allergic skin reaction.  
H319, Causes serious eye irritation.  
H411, Toxic to aquatic life with long lasting effects.

**M factor:** None

**Supplemental Information:** None

**Precautionary statements:** P261, Avoid breathing vapour or dust.  
P264, Wash hands and other contacted skin thoroughly after handling.  
P272, Contaminated work clothing should not be allowed out of the workplace.  
P273, Avoid release to the environment.  
P280, Wear protective gloves/eye protection/face protection.  
P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P302/352, IF ON SKIN: Wash with plenty of soap and water.  
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P331, Do not induce vomiting.  
P333/313, If skin irritation or rash occurs: Get medical advice/attention.  
P337/313, If eye irritation persists: Get medical advice/attention.  
P362, Take off contaminated clothing and wash before reuse.  
P391, Collect spillage.  
P405, Store locked up.  
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Pictograms:**



**Other hazards:** None



## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Coriander Seed Oil

**Version:** 5

### Section 3. Composition / information on ingredients

#### 3.1 Substances

**Product identifier:** Coriander Seed Oil; CAS: 84775-50-8

**Contains:**

Name	CAS	EC	REACH Registration No.	Max	Classification for (CLP) 1272/2008
Linalool	78-70-6	201-134-4		73.00%	SCI 2-EDI 2-SS 1B; H315-H317-H319,-
alpha-Pinene	80-56-8	201-291-9		12.00%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
p-Mentha-1,4-diene	99-85-4	202-794-6		8.50%	FL 3-AH 1;H226-H304,-
Camphor	76-22-2	200-945-0		6.00%	FS 2-ATO 4-ATI 4-STO-SE 2;H228-H302-H332-H371,-
d-Limonene	5989-27-5	227-813-5		4.00%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
Geranyl acetate	105-87-3	203-341-5		3.50%	SCI 2-SS 1-EH C3; H315-H317-H412,-
p-Cymene	99-87-6	202-796-7		3.00%	FL 3-AH 1-EH C2; H226-H304-H411,-
Eugenol	97-53-0	202-589-1		2.00%	EDI 2-SS 1B;H317-H319,-
beta-Pinene	127-91-3	204-872-5		2.00%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
Geraniol	106-24-1	203-377-1		1.50%	SCI 2-EDI 1-SS 1; H315-H317-H318,-
Terpinolene	586-62-9	209-578-0		1.00%	SS 1B-AH 1-EH A1-EH C1;H304-H317-H410,-
Camphene	79-92-5	201-234-8		1.00%	FS 2-EH A1-EH C1; H228-H320-H410,-
beta-Caryophyllene	87-44-5	201-746-1		0.20%	SS 1B-AH 1;H304-H317,-

**Substances with Community workplace exposure limits:**

Name	CAS	EC	Max
Camphor	76-22-2	200-945-0	6.00%

### Section 4. First-aid measures

#### 4.1 Description of first aid measures

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### 4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Coriander Seed Oil

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Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

### 4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

### 5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

### 5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

## Section 6. Accidental release measures

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

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

### 6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

### 6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

### 6.4 Reference to other sections:

Also refer to sections 8 and 13.

## Section 7. Handling and storage

### 7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

## SAFETY DATA SHEET

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**Product:** Coriander Seed Oil

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

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

### 7.3 Specific end use(s):

Flavours, Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

Workplace exposure limits:

Component	CAS	EC	Description	Value
Camphor	76-22-2	200-945-0	Long-term exposure limit (8-hour TWA) (ppm)	2
			Long-term exposure limit (8-hour TWA) (mg/m <sup>3</sup> )	13
			Short-term exposure limit (15-minute) (ppm)	3
			Short-term exposure limit (15-minute) (mg/m <sup>3</sup> )	19

### 8.2 Exposure Controls

#### Eye / Skin Protection

Wear protective gloves/eye protection/face protection

#### Respiratory Protection

Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Appearance:** Water white to pale yellow liquid

**Odour:** Floral spicy

**Odour threshold:** Not determined

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**Product:** Coriander Seed Oil

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<b>pH:</b>	Not determined
<b>Melting point / freezing point:</b>	Not determined
<b>Initial boiling point / range:</b>	Not determined
<b>Flash point:</b>	66 °C
<b>Evaporation rate:</b>	Not determined
<b>Flammability (solid, gas):</b>	Not determined
<b>Upper/lower flammability or explosive limits:</b>	Product does not present an explosion hazard
<b>Vapour pressure:</b>	Not determined
<b>Vapour density:</b>	Not determined
<b>Relative density:</b>	0.8630 - 0.8800
<b>Solubility(ies):</b>	Insoluble in water.
<b>Partition coefficient: n-octanol/water:</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined
<b>Viscosity:</b>	Not determined
<b>Explosive properties:</b>	Not expected
<b>Oxidising properties:</b>	Not expected

**9.2 Other information:** None available

### Section 10. Stability and reactivity

#### **10.1 Reactivity:**

Presents no significant reactivity hazard, by itself or in contact with water.

#### **10.2 Chemical stability:**

Good stability under normal storage conditions.

#### **10.3 Possibility of hazardous reactions:**

Not expected under normal conditions of use.

#### **10.4 Conditions to avoid:**

Avoid extreme heat.

#### **10.5 Incompatible materials:**

Avoid contact with strong acids, alkalis or oxidising agents.

#### **10.6 Hazardous decomposition products:**

Not expected.

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Coriander Seed Oil

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### Section 11. Toxicological information

#### 11.1 Information on toxicological effects

<b>Acute Toxicity:</b>	Based on available data the classification criteria are not met.
Acute Toxicity Oral	2633
Acute Toxicity Dermal	Not Applicable
Acute Toxicity Inhalation	Not Available
<b>Skin corrosion/irritation:</b>	Skin Corrosion / Irritation Category 2
<b>Serious eye damage/irritation:</b>	Eye Damage / Irritation Category 2
<b>Respiratory or skin sensitisation:</b>	Sensitization - Skin Category 1
<b>Germ cell mutagenicity:</b>	Based on available data the classification criteria are not met.
<b>Carcinogenicity:</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity:</b>	Based on available data the classification criteria are not met.
<b>STOT-single exposure:</b>	Based on available data the classification criteria are not met.
<b>STOT-repeated exposure:</b>	Based on available data the classification criteria are not met.
<b>Aspiration hazard:</b>	Aspiration Hazard Category 1

#### Information about hazardous ingredients in the mixture

Component	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
Camphor	76-22-2	200-945-0	1500	Not available	1.5	Dust/mist

Refer to Sections 2 and 3 for additional information.

### Section 12. Ecological information

#### 12.1 Toxicity:

Toxic to aquatic life with long lasting effects.

**12.2 Persistence and degradability:** Not available

**12.3 Bioaccumulative potential:** Not available

**12.4 Mobility in soil:** Not available

#### 12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6 Other adverse effects:** Not available

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Coriander Seed Oil

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### Section 13. Disposal considerations

#### 13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### Section 14. Transport information

**14.1 UN number:** UN3082

**14.2 UN Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(alpha-Pinene, d-Limonene)

**14.3 Transport hazard class(es):** 9

**Sub Risk:** -

**14.4. Packing Group:** III

**14.5 Environmental hazards:** This is an environmentally hazardous substance.

**14.6 Special precautions for user:** None additional

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not applicable

### Section 15. Regulatory information

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

None additional

**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out for this product.

### Section 16. Other information

**Concentration % Limits:** EH C2=12.32% EH C3=1.23% EH C4=94.34% SCI 2=10.42% EDI 2=11.11% EDI 2A=10.99% SS 1=1.37% AH 1=31.55%

**Total Fractional Values:** EH C2=8.12 EH C3=81.34 EH C4=1.06 SCI 2=9.60 EDI 2=9.00 EDI 2A=9.10 SS 1=73.00 AH 1=3.17

**Key to revisions:**

Classification under Directive 1999/45/EC

Classification under Directive 67/548/EEC

Concentration % Limits

SECTION 3: Composition/information on ingredients

Total Fractional Values

Workplace exposure limits

**Key to abbreviations:**

Abbreviation	Meaning
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AH 1	Aspiration Hazard Category 1
ATI 4	Acute Toxicity - Inhalation Category 4
ATO 4	Acute Toxicity - Oral Category 4
EDI 1	Eye Damage / Irritation Category 1
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
EH C3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
FL 3	Flammable Liquid, Hazard Category 3
FS 2	Flammable Solid, Hazard Category 2
H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H320	Causes eye irritation.
H332	Harmful if inhaled.
H371	May cause damage to organs (organs, exposure route).
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
P102	Keep out of reach of children.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe vapour or dust.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

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P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P309/311	IF exposed or if you feel unwell: Call a POISON CENTRE or doctor/physician.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
SCI 2	Skin Corrosion / Irritation Category 2
SS 1	Sensitization - Skin Category 1
SS 1B	Sensitization - Skin Category 1B
STO-SE 2	Specific Target Organ Toxicity (Single Exposure) Category 2

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.



## Specification and Technical Data Sheet

Product	
<b>Substance:</b>	Coriander Seed Oil
<b>Code:</b>	OECORI
<b>Origin:</b>	Russian Federation
<b>Classification:</b>	Essential Oil
<b>Production and source:</b>	Essential oil extracted by distillation from Coriandrum sativum
<b>Natural/NI/Synthetic Status:</b>	Natural

Technical Data	
<b>Appearance:</b>	Water white to pale yellow liquid
<b>Odour:</b>	Floral spicy
<b>Specific Gravity @ 20/20°C:</b>	0.8630 - 0.8800
<b>Optical Rotation @ 20°C:</b>	5.00 - 13.00 °
<b>Refractive Index @ 20°C:</b>	1.4620 - 1.4720
<b>Flashpoint:</b>	66 °C
<b>Flavour Grade:</b>	Yes

Regulatory Data	
<b>CAS No. (US):</b>	8008-52-4
<b>Einecs No:</b>	283-880-0
<b>CAS No:(EU)</b>	84775-50-8
<b>FEMA Number</b>	2334
<b>F.D.A.</b>	182.200
<b>Council of Europe</b>	154n
<b>Botanical Source:</b>	Coriandrum sativum
<b>Chem/IUPAC Name:</b>	Coriander, ext.



Vegetarian and Vegan Suitability Statement

Product: Coriander Seed Oil

We hereby declare that the above material does not contain, nor has been produced from materials of animal origins or animal derivatives e.g. milk, fat, oil, enzymes, or gelatin from cow, buffalo, chicken avians, sheep or porcine. In addition, this product has not been processed on any equipment that has handled materials of animal origin or its derivatives.

Date: 7<sup>th</sup> November 2018