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**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY**

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**1.1 Product Identifier**

**PRODUCT NAME:** ANISE OIL (OCQ)  
**SUPPLIER:** OliveNation LLC  
**ADDRESS:** 13 Robbie Road, Ste. A4, Avon, MA 02322  
**PHONE:** 617-580-3667

**1.2 Relevant identified uses of the substance or moisture and uses advised against**

**Recommended Use** Food and beverage flavoring

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

For further information, please contact

**Email:** [support@olivenation.com](mailto:support@olivenation.com)

**1.4 Emergency Telephone Number**

**Emergency Telephone:** Chemtrec 1-800-424-9300 US/ 703-527-3887 outside US

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**SECTION 2: HAZARDS IDENTIFICATION**

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**2.1 Classification of the substance or mixture**

Serious eye damage	Category 2
Skin Sensitivity	Category 1
Germ cell mutagenicity	Category 2
Carcinogenicity	Category 2
Flammable liquids	Category 4

**Classification according to EU Directives 67/548 EEC or 1999/45/EC**

For the full text of the R-phrases mentioned in this Section, see Section 16

**Symbols**

Danger  
Causes serious eye irritation  
May cause an allergic skin reaction  
Cause of genetic defects  
Suspected of causing cancer  
Combustible liquid

**2.2 Label Elements**

**Signal Word**



Warning  
Flammable  
Health Hazard

**Hazard Statements**

H402-Harmful to aquatic life

H226- Flammable liquid and vapor

**Precautionary Statements**

P370 + P378 – In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction

P210 – Keep away from heat/sparks/open flames/ hot surfaces. – No smoking.

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**SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS**

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**3.1. Substance**

Anise Oil

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**SECTION 4: FIRST AID MEASURES**

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**General advice**

Immediate medical attention is required Show this material safety data sheet to the doctor in attendance. If symptoms persist, call a physician

**Eye contact**

If symptoms persist, call a physician Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes Keep eye wide open while rinsing

**Skin contact**

Wash off immediately with plenty of water. Wash contaminated clothing before reuse. If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water. Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

**Ingestion**

Do NOT induce vomiting. Drink plenty of water. Immediate medical attention is not required. Rinse mouth. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.

**Inhalation**

If symptoms persist, call a physician. Move to fresh air. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors. Move to fresh air in case of accidental inhalation of vapors or decomposition products. Self-protection of the first aider Remove all sources of ignition Use personal protective equipment

**4.2. Most important symptoms and effects, both acute and delayed**

Skin irritation, burning  
Hives

**4.3. Indication of any immediate medical attention and special treatment needed**

Note to physicians Treat symptomatically May cause sensitization in susceptible persons

Seek immediate medical attention if any of the above symptoms are present.

**Note to physicians** Treat symptomatically



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## SECTION 5: FIRE-FIGHTING MEASURES

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### 5.1 Extinguishing Media

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use alcohol-resistant foam or dry CO<sub>2</sub>.

#### Extinguishing media which shall not be used for safety reasons

No information available

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

#### Special Hazard

None

### 5.3 Advice for firefighters

#### Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus and full protective gear

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges.

See Section 12 for additional Ecological Information

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. 6.3. Methods and material for containment and cleaning up

### 6.3 Method and material for containment and clean up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)

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## SECTION 7: HANDLING AND STORAGE

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### 7.1 Precautions for safe handling

Ensure adequate ventilation.

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

Keep container tightly closed in a dry and well-ventilated place.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### 8.1 Control parameters

#### Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

#### Derived No Effect level (DNEL)

No information available

#### Predicted No Effect Concentration (PNEC)

No information available

**8.2 Exposure controls**

<b>Engineering Controls</b>	Ensure adequate ventilation, especially in confined areas.
<b>Personal Protective Equipment</b>	
<b>Eye Protection</b>	Tightly fitting safety goggles
<b>Hand Protection</b>	Protective gloves
<b>Skin and Body Protection</b>	Long sleeved clothing
<b>Respiratory Protection</b>	When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practice
<b>Environmental Exposure Controls</b>	No information available

**SECTION 9: PHYSICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

<b>Physical state</b>	<b>Liquid</b>
<b>Odor</b>	<b>Anise</b>
<b>Property</b>	
pH	No Information available
Melting/freezing point	No Information available
Boiling point/boiling range	No information available
Flash point(closed cup)	<b>93°C</b>
Evaporation rate	No information available
Flammability(solid/gas)	No information available
Flammability limits in air	
Upper flammability limit	No information available
Lower flammability limit	No information available
Vapor pressure mm Hg 20°C	No information available
Vapor density	No information available
Relative density	No information available
Specific gravity @ 25°C	0.9780 - 0.9880
Specific gravity @20°C	0.981 - 0.991
Refractive index	1.553 - 1.560
Water solubility	No information available
Partition coefficient: n-octanol/water	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity, dynamic	No information available
Explosive properties	No information available
Oxidizing properties	No information available
<b>9.2 Other information</b>	
VOC Content(%)	No information available
Molecular weight	No information available

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity**

The product is non-reactive.

**10.2 Chemical Stability**

The product is stable under normal pressures and temperatures.

**10.3 Possibility of Hazardous Reactions**

No known hazardous reactions.

**10.4 Conditions to Avoid**

Heat, flames, and sparks

**10.5 Incompatible Material**

No materials to be especially mentioned

**10.5 Hazardous Decomposition Products**

None under normal use conditions

**SECTION 11: TOXICOLOGY INFORMATION**

**11.1. Information on toxicological effects**

**Acute toxicity**

**Inhalation** There is no data available for this product  
**Eye contact** There is no data available for this product  
**Skin contact** There is no data available for this product  
**Ingestion**

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
ANETHOLE 104-46-1	2090 mg/kg ( Rat )	5 g/kg ( Rabbit )	-
ESTRAGOLE 140-67-0	1230 mg/kg ( Rat )	5 g/kg ( Rabbit )	-
LIMONENE 5989-27-5	4400 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	-
LINALOOL 78-70-6	2790 mg/kg ( Rat )	5610 mg/kg ( Rat )	-

**Acute toxicity**

6% of the mixture consists of ingredient(s) of unknown toxicity  
 The following values are calculated based on chapter 3.1 of the GHS document (Rev. 1, 2005):  
 Oral 3,869.00 mg/kg  
 Dermal 2,525.00 mg/kg

**Inhalation** No information available  
**Skin corrosion/irritation** No information available  
**Eye damage/irritation** No information available  
**Sensitization** No information available  
**Germ Cell Mutagenicity** No information available  
**Carcinogenicity** No information available

**Specific target organ systemic toxicity (single exposure)** No information available  
**Specific target organ systemic toxicity (repeated exposure)** No information available  
**Target Organ Effects** No information available  
**Aspiration hazard** No information available

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Ecotoxicity:**

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

**12.2 Persistence and Degradability**

No information available

**12.3 Bioaccumulative Potential**

No information available

**12.4 Mobility in Soil**

No information available

**12.5 Results of PBT and vPvB**

No information available

**12.6 Other Adverse Effects**

No information available

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste Treatment Methods:**

**Waste from residues/ unused products:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**Contaminated Packaging:** Empty containers should be taken to an approved waste handling site for recycling or disposal

**SECTION 14: TRANSPORT INFORMATION**

**DOT**

Proper shipping Name	NATURAL OIL, FLAVORING, LIQUID
Class	3
UN/ID No	1193
Packing Group	III

**ICAO/IATA**

UN/ID No	1197
Proper Shipping Name	NATURAL OIL, FLAVORING, LIQUID
Class	3
Packing Group	III
ERG Code	128

**SECTION 15: OTHER REGULATORY INFORMATION**

**Other regulations:** OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

California Prop 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning statute: Estragole California prop 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Estragole California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute. Estragole

**DSCL (EEC):**

**R11**Highly Flammable. **S2**-Keep out of reach of children

**National Fire Protections Association (USA):**

Health: 2

Flammability: 2

Reactivity: 0

Specific Hazard: None

**Protective Equipment:**

Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

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**SECTION 16: OTHER INFORMATION**

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**References:** Not available

**Other special Considerations:** Not available

*Warning/Disclaimer: The ingredient(s) has not been tested, nor has it been deemed safe, for inhalation or use in electronic smoking devices, electronic nicotine delivery systems, electronic cigarettes or other similar devices (collectively "E-cigarettes"). In supplying this ingredient, OliveNation LLC instructs and by receiving this ingredient recipient confirms, that this ingredient will not be used in connection with the manufacture and distribution of E-cigarettes or any component thereof.*

*The information in this SDS is believed to be accurate and represents the best information currently available to us. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text. We make no warranty of merchantability or any other warranty expressed or implied, with respect to such information, we assume no liability resulting from its use. Users should make their own investigation to determine suitability of the information for their particular purposes. In no event shall OliveNation LLC be liable for any claims, losses or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages, howsoever arising, even if OliveNation LLC has been advised of the possibility of such damages.*