



# La Despensa del Jabón

Materias primas para jabón y cosmética artesanal

## FICHA DE SEGURIDAD - SAFETY DATA SHEET ACEITE DE COMINO NEGRO - Black Cumin Seed Oil

This SDS is not mandated under REACH Regulation (EC) No 1907/2006 and is provided for information only.

Date: January 2015

### 1. Product and Supplier Description

**Trade Name:** Aceite de Comino negro / Black Cumin seed Oil

**INCI:** Nigella Sativa Seed Oil

**CAS Number:** 90064-32-7

**EC (EINECS) Number:** 290-094-1

**Chemical Name: DEFINITION/BOTANICAL ORIGIN:** Nigella sativa Seed Oil is the fixed oil expressed from the seeds of Black Caraway, Nigella sativa L., Ranunculaceae.

**Supplier:**

**LA DESPENSA DEL JABON**

San Ignacio Auzunea Etxetaldea, 1 048200 Durango. España.

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Teléfono de urgencias: Instituto Nacional de Toxicología. Madrid. Tel: 91 562 04 20

### 2. Hazards Identification

**CLASSIFICATION (67/548):** Not classified.

**CLASSIFICATION (EC 1272/2008)**

**Physical and Chemical Hazards:** Not classified.

**Human Health:** Not classified.

**Environment:** Not classified.

**LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008:** Not classified.

### 3. Composition and Ingredient Information

CAS Number: 90064-32-7

EC (EINECS) Number: 290-094-1

### 4. First Aid Measures

#### GENERAL INFORMATION:

- Remove affected person from source of contamination.
- Perform artificial respiration if breathing has stopped.

**NOTES TO THE PHYSICIAN:** No specific first aid measures noted.

#### INHALATION:

- Move the exposed person to fresh air at once.
- Get medical attention if any discomfort continues.

#### INGESTION:

- If necessary, rinse mouth and provide fresh air.
- Get medical attention if any discomfort continues.

#### SKIN CONTACT:

- If necessary remove contaminated clothing and wash skin with soap and water.
- Get medical attention if any discomfort continues.

#### EYE CONTACT:

- Immediately flush with plenty of water for up to 15 minutes.
- Remove any contact lenses and open eyes wide apart.
- Get medical attention if any discomfort continues.

### 5. Fire Fighting Measures

**EXTINGUISHING MEDIA:** Fire can be extinguished using: Foam, carbon dioxide or dry powder.

**SPECIAL FIRE FIGHTING PROCEDURES:** Containers close to the fire should be removed or cooled with water.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** No unusual fire or explosion hazards noted.

**SPECIFIC HAZARDS:** When heated and in case of fire, toxic vapours/gasses may be formed.

**PROTECTIVE MEASURES IN FIRE:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

### 6. Measures in case of accidental release

#### PERSONAL PRECAUTIONS:

- Use protective gloves, goggles and suitable protective clothing.
- In case of spills, beware of slippery floors and surfaces.

**ENVIRONMENTAL PRECAUTIONS:** Do not discharge into drains, water courses or onto the ground.

#### SPILL CLEAN UP METHODS:

- Absorb with inert, damp, non-combustible material, then flush area with water.
- Shovel into dry containers.
- Cover and move the containers. Flush the area with water.

### 7. Handling and Storage

#### USAGE PRECAUTIONS:

- Avoid spilling, skin and eye contact.
- Ensure adequate ventilation of the working area.
- Adopt best manual handling considerations when handling, carrying and dispensing.

#### STORAGE PRECAUTIONS:

- Store in tightly closed original container in a dry, cool and well-ventilated place.
- Keep away from heat, sparks and open flame.
- Protect from freezing and direct sunlight.

**STORAGE CLASS:** Unspecified storage.

## 8. Exposure Controls/Personal Protection

#### PROTECTIVE EQUIPMENT:



**ENGINEERING MEASURES:** Provide adequate ventilation.

**RESPIRATORY EQUIPMENT:** No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

**HAND PROTECTION:** Protective gloves should be used if there is a risk of direct contact or splash.

**EYE PROTECTION:** If risk of splashing, wear safety goggles or face shield.

**OTHER PROTECTION:** Wear appropriate clothing to prevent any possibility of skin contact.

**HYGIENE MEASURES:** No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

**SKIN PROTECTION:** Wear apron or protective clothing in case of splashes.

## 9. Physical and Chemical Properties

**INCI Name:** Nigella Sativa Seed Oil

**CAS Number:** 90064-32-7

**EC Number:** 290-094-1

**Description:** Nigella sativa Seed Oil is the fixed oil expressed from the seeds of Black Caraway, Nigella sativa L., Ranunculaceae.

#### TYPICAL ANALYTICAL CHARACTERISTICS:

**Colour:** Yellow to green-brownish.

**Appearance:** Liquid at ambient temperatures.

**Odour:** Characteristic.

**Acid Value:** 5.0 – 15.0

**Iodine Value:** 115 – 130

**Peroxide Value:** 5.0 maximum

**Moisture & Volatile Matter:** 1.0 max

**Saponification Value:** 182 – 197

**Unsaponifiable Matter:** 1.5 maximum

**Specific Gravity @ 20°C:** 0.916 – 0.924

#### TYPICAL FATTY ACID PROFILE:

**C16:0 Palmitic:** 10 – 14

**C18:0 Stearic:** 4.0 maximum

**C18:1 Oleic:** 20 – 30

**C18:2 Linoleic:** 50 – 60

**C18:3 Alpha Linolenic:** 4.0 maximum

## 10. Stability and Reactivity

**STABILITY:** Stable under normal temperature conditions.

**CONDITIONS TO AVOID:** Avoid heat, flames and other sources of ignition.

**HAZARDOUS POLYMERISATION:** Will not polymerise.

**MATERIALS TO AVOID:** Strong oxidizing substances. Strong acids. Strong Alkalis.

**HAZARDOUS DECOMP. PRODUCTS:** In case of fire, toxic gasses (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed.

## 11. Toxicological Information

See section - 2

**GENERAL INFORMATION:** No specific health warnings noted.

**INHALATION:** No specific health warnings noted.

**INGESTION:**

- No specific health warnings noted.
- No harmful effects expected in amounts likely to be ingested by accident.

**SKIN CONTACT:** No specific health warnings noted.

**EYE CONTACT:** Spray and vapour in the eyes may cause irritation and smarting.

**HEALTH WARNINGS:** No specific health warnings noted.

**MEDICAL SYMPTOMS:** No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

**MEDICAL CONSIDERATIONS:** Persons with rash are directed to skin expert for examination of allergic eczema.

## 12. Ecological Information

**ECOTOXICITY:** Refer to section – 2.

## 13. Disposal Considerations

**GENERAL INFORMATION:** Waste suitable for incineration.

**DISPOSAL METHODS:** Dispose of waste and residues in accordance with local authority requirements.

## 14. Transport Information

**GENERAL:** The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

## 15. Regulatory Information

**EU DIRECTIVES:** Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

**STATUTORY INSTRUMENTS:** The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716).

**APPROVED CODE OF PRACTICE:** Classification and Labelling of Substances and Preparations Dangerous for Supply.

**GUIDANCE NOTES:** Workplace Exposure Limits EH40

## 16. Other Information

**GENERAL INFORMATION:** Shelf life: 24 months when stored within advised conditions.

The information contained herein is accurate to the best of our knowledge from a variety of sources. No liability can be accepted arising out of the use, application or processing of this product. It is the users' responsibility to determine the safe conditions for use of this product.

