



State of the Art Ingredients • Fast Friendly Service

Black Seed Oil

SECTION 1 :: PRODUCT IDENTIFICATION

Product Name: Black Seed Oil

INCI Name: Nigella sativa (Cumin) Seed Oil

Relevant Identified Uses of the Substance or Mixture

Product Use: Active Ingredient in cosmetic and personal care applications

Health: Slightly Hazardous

Flammability: Will ignite if moderately heated

Reactivity: Unstable if heated

Emergency Telephone Number:

National Poison Control Center: 800-222-1222

SECTION 2 :: INGREDIENTS

Cumin Seed Oil	CAS #	90064-32-7
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SECTION 3 :: HAZARD IDENTIFICATION

Classification of Substance or Mixture

Natural Vegetable Oil

Classification according to regulation (EC) No 1272/2008 {CLP}:

The substance does not meet criteria for a hazardous substance

Classification according to The Hazard Communications Standard (HCS) (29 CFR 1910.1200)

The substance does not meet the criteria for dangerous substance

Label Elements:

Not applicable

Hazard Statement: Not applicable

Precautionary Statement: Not applicable

Other Hazards: None

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SECTION 4 :: FIRST AID MEASURES

Skin Contact: Wash with plenty of soap and water. Remove contaminated clothing.

Eye Contact: Flush eyes with large amounts of clean water for at least 15 minutes. Seek medical attention if discomfort occurs or persists.

Ingestion: Limit test: no toxic effect observed.

Inhalation: Not applicable. Avoid breathing liquid or aerosols of material.
Person should be moved to a fresh air environment. If breathing is difficult, give oxygen.
If discomfort occurs or persists seek medical attention.

Important Symptoms and effects, acute and delayed:

May cause mild eye irritation. Swallowing may cause mild nausea or abdominal discomfort.

Indication of any immediate medical attention and special treatment needed:

No immediate medical treatment normally needed.

SECTION 5 :: EXPLOSION AND FIRE-FIGHTING MEASURES

Extinguishing Media:

CO₂, Foam

Advise for Fire Fighters:

Special Fire-Fighting Procedures:

Exercise caution when fighting any chemical fire. A NIOSH approved self contained breathing apparatus with a full face piece and protective clothing should be worn. Use water spray to cool fire exposed containers.

Keep away from ignition sources

Special Hazards Arising from Substance or Mixture:

Hazardous Combustion Products:

May emit noxious fumes.

Unusual Fire and Explosion Hazards:

None known.

Hazardous Decomposition Products:

Burning can produce smoke, carbon monoxide, and carbon monoxide.



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SECTION 6 :: ACCIDENTAL RELEASE/SPILL PROCEDURES

Personal Protection:

- Employ adequate laboratory hygiene practices.
- Ensure adequate ventilation.
- Wear appropriate clothing and equipment: suitable gloves and splash proof goggles.

Environmental Precautions:

- Non hazardous, still avoid direct release into environment

Methods and Material Containment and Clean Up:

- Material is non hazardous and biodegradable. Small amounts may be washed with water and flushed to sewer, best practice: cover with absorbent material and collect for disposal following all Local, State and Federal Regulations.

Reference for additional information in other sections:

- Section 8 for protective equipment
- Section 13 for disposal considerations

SECTION 7 :: HANDLING AND STORAGE

Precautions for Safe Handling:

- Avoid bacterial contamination. Keep working area well ventilated;
- no special precautions are needed under normal conditions.

Conditions for Safe Storage / Incompatibilities:

- Containers should be kept tightly closed and stored in a cool dry well-ventilated place.
- Store at room temperature, avoid temperatures above 100F.
- Avoid exposure to sunlight for extended periods.
- Do not handle or store near an open flame, heat or other sources of ignition.
- Keep away from heat, sparks and flames or other sources of ignition.



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SECTION 8 :: PERSONAL PROTECTION / EXPOSURE CONTROLS

Control Parameters:

: no limits established

Exposure Controls:

Appropriate Engineering Controls:

: N/A

Individual Protection Controls:

Body Protection: None required under normal conditions of use
Hand Protection: Impervious gloves, oil resistant, / heat resistant rubber
Eye / Face Protection: Safety glasses with side shield protection

Respiratory Protection: None required under normal conditions of use. If exposure potential exists refer to NIOSH Criteria Guide to determine proper equipment

Thermal Hazards: None required under normal conditions of use

Other: Eye wash station should be available in the work area, practice good personal hygiene, wash exposed areas of skin several times daily, launder contaminated clothing before re-use

SECTION 9 :: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor: Clear Dark Green to Lt Brown Non Viscous Liquid
Odor: Characteristic
Melting / Freezing Point: N/A
Boiling Point / Range: N/A
Flash Point (COC): 446
Solubility in Water: Insoluble in Water

SECTION 10 :: STABILITY AND REACTIVITY

Stability: This product is stable under normal conditions, no known hazardous reactions.
Reactivity: Not reactive under normal conditions of use.
Conditions to Avoid: Normally stable, avoid gross bacterial contamination.
Hazardous Decomposition Products: None under normal use conditions; burning can produce smoke, co, co2, ammonia and other product of incomplete combustion.

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Hazardous Reactions: Will not occur under normal circumstances.
Incompatible Materials: Strong oxidizing agents, Concentrated nitric or sulfuric acid.

SECTION 11 :: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity: Oral LD50 anticipated to be >5g/kg based on testing of similar materials.
Irritation: Not an irritant by HRIPT
Corrosivity: This is not a corrosive material.
Sensitization: Not a sensitizer by HRIPT

Repeated dose toxicity: No data available
Carcinogenicity: None of the components are listed as a carcinogen by IARC, NTP, OSHA, ACGIH or the EU Substance Directive.
Mutagenic effect: This product is not expected to create a germ cell mutagenicity hazard.
Reproductive toxicity: Not expected to affect reproduction or development.

SECTION 12 :: ECOLOGICAL INFORMATION

Eco toxicity: N/A
Persistence Degradability: This product is biodegradable.
Bio accumulation: Not expected to be bio-accumulative in aquatic organisms.
Mobility in Soil: Product is completely soluble in water, it is expected to be highly mobile in soil.
Results of PBT and vPvB: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other Adverse Effects: None known.

SECTION 13 :: DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Material is very biodegradable. Following standard industrial practice, dispose of in accordance with local, state, and federal environmental regulations.



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SECTION 14 :: TRANSPORT INFORMATION

Not classified as hazardous according to the Department of Transportation.

SECTION 15 :: REGULATORY INFORMATION

Safety, Health and Environment Regulations, Legislation Specific for the substance or Mixture:

EU EINECS:	All components are listed on the EINECS Inventory.
US TSCA:	All components are listed on the EPA TSCA Inventory
CA DSL / NDSL:	All components are listed on the DSL.
Korea KECI:	All components are listed on the ECL.
China IECSC:	All components are listed on the Republic of China's Inventory of Existing Chemicals and Substances in China.
Japan ENCS:	Not listed.
Phillipine PICCS:	All components are listed on the Phillipine Inventory of Chemicals and Chemical Substances list.
Australia AICS:	All components are listed on the AICS.
New Zealand NzloC:	All components are listed on the New Zealand Inventory of Chemicals.

SECTION 16 :: OTHER INFORMATION

List of Relevant R-phrases (number and full text):

Not applicable

Date:

Preparation: 12/20/2013
Revision: 10/13/2016

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal

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