

Specification

Product Name:	Black Cumin Oil Cold Pressed Organic		
INCI Name:	Nigella Sativa Seed Oil		
Description:	Nigella Sativa Seed Oil is the fixed oil expressed from the seeds of Black Caraway, <i>Nigella sativa L.</i> , <i>Ranunculaceae</i> .		
CAS No:	90064-32-7	EC No:	290-094-1

Analytical Test	Specification
Appearance:	Clear Liquid, Light Brown
Odour:	Characteristic
Specific Gravity @ 20°C (g/ml)	0.916 – 0.924
Refractive Index @ 20°C	1.470 – 1.473
Acid value	≤ 25.0
Saponification value	182 – 197
Iodine value	115 – 130
Fatty Acid Profile (%)	
C 14:0 Myristic Acid	≤ 1.0
C 16:0 Palmitic Acid	10.0 – 14.0
C 16:1 Palmitoleic Acid	≤ 1.0
C 18:0 Stearic Acid	≤ 4.0
C 18:1 Oleic Acid	20.0 – 30.0
C 18:2 Linoleic Acid	50.0 – 60.0
C 18:3 Linolenic Acid	≤ 4.0
C 20:0 Arachidic Acid	≤ 1.0
C 20:1 Eicosenoic Acid	≤ 1.0
C 20:2 Eicosanedienoic Acid	≤ 3.5
C 22:1 Erucic Acid	≤ 1.5
Storage & Stability	Store product in full, tightly closed containers in a cool dry place away from heat and sunlight. When stored for more than 24 months, quality should be checked before use.

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In accordance with GB REACH UK SI 2020 No. 1577

Product: Black Cumin Oil Cold Pressed Organic

Version: 1

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

1.1 Product Identifier

Product identifier: Black Cumin Oil Cold Pressed Organic; CAS: 90064-32-7

Other identifiers: Nigella Sativa Seed Oil

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

Product uses: Flavours,Cosmetics,Professional Use Only

1.3 Details of the supplier of the safety data sheet

Company name: Healthy Story LLP

Company address: 27 Old Gloucester Street, London, WC1N 3AX, United Kingdom

Contact:

E-Mail address: info@zdravaprica.com

Company phone: +44 800 048 5030

1.4 Emergency telephone number

Emergency phone: +44 800 048 5030

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under GB GHS UK SI 2020 No. 1567

Class and category of danger: This material does not meet the criteria for classification under GB REACH UK SI 2020 No. 1577.

2.2 Label elements

Classification under GB GHS UK SI 2020 No. 1567

Signal word: None

Hazard statements: None

M factor: None

Supplemental Information: None

Precautionary statements: None

Pictograms: None

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2.3 Other hazards

Other hazards: None

Section 3. Composition / information on ingredients

3.1 Substances

Product identifier: Black Cumin Oil Cold Pressed Organic; CAS: 90064-32-7

Section 4. First-aid measures

4.1 Description of first aid measures

Inhalation: Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

Eye exposure: Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

Skin exposure: Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.

Ingestion: Rinse mouth with water and obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

None expected, see Section 4.1 for further information.

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.

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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.

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, Cosmetics, Professional Use Only: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

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Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Clear liquid, yellow to dark yellow / brown
Odour:	Characteristic
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	> 100 °C
Flash point:	> 280 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	0.9160 - 0.9240
Solubility(ies):	Insoluble in water.
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	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.

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10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

This material does not meet the criteria for classification for health hazards under GB GHS UK SI 2020 No. 1567.

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	Not Applicable
Acute Toxicity Dermal	Not Applicable
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Based on available data the classification criteria are not met.
Serious eye damage/irritation:	Based on available data the classification criteria are not met.
Respiratory or skin sensitisation:	Based on available data the classification criteria are not met.
Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive toxicity:	Based on available data the classification criteria are not met.
STOT-single exposure:	Based on available data the classification criteria are not met.
STOT-repeated exposure:	Based on available data the classification criteria are not met.
Aspiration hazard:	Based on available data the classification criteria are not met.

Information about hazardous ingredients in the mixture

Not Applicable

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:	Not available
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 GB REACH UK SI 2020 No. 1577.

12.6 Other adverse effects:	Not available
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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.

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Section 14. Transport information

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4 Packing Group:
UN Model Regulations	Not classified	-	-	-	-
IMDG	Not classified	-	-	-	-
ADR,RID,ADN	Not classified	-	-	-	-
ICAO TI	Not classified	-	-	-	-

14.5 Environmental hazards: Not environmentally hazardous for transport

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 classified

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

Key to revisions:

Not applicable

Key to abbreviations:

Not applicable

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.

Product Statements

Product Name:	Black Cumin Seed Oil Pressed Organic		
Description:	Nigella Sativa Seed Oil is the fixed oil expressed from the seeds of Black Caraway, <i>Nigella sativa L., Ranunculaceae.</i>		
CAS No:	90064-32-7	EC No:	290-094-1
UK REACH Status	Reach Exempt Annex IV & V.		
EU REACH Status	Reach Exempt Annex IV & V.		
CITES Regulated	No		
Country of Origin	Germany		
Country of Manufacture	Germany		
Tariff Code	1515906000		
INCI Breakdown	100% Nigella Sativa Seed Oil		
Method of manufacture	Pressed.		
Composition	This material is 100% Pure & Natural.		
Impurities	None		
Preservatives	In accordance with Article 14d of the EU Cosmetics Regulation no preservatives have been used or added during production.		
CMR Substances	In accordance with Article 15 of the EU Cosmetics Regulation this material does not contain any CMR substances nor were any used or added during production.		
SVHC	This product does not contain any substances of very high concern.		
Substances according to Annex II and III	This material does not contain any of the substance listed in Annex II and III of EU Cosmetics Directive, with the exception of those components listed in the EU Allergens and IFRA declarations.		
Pesticides	Not tested routinely, but historic testing has shown results to be well within EU limits.		
Ionising Radiation	The product has not been treated with ionizing radiation.		
Residual Solvent	No solvents used.		
Colorants	In accordance with Article 14c of the EU Cosmetics Regulation no colorants were used or added during production.		
Nanomaterials	In accordance with EU Cosmetics Regulation, this product does not contain nanomaterials nor have any been used or added during production.		
BSE / TSE	We hereby guarantee that this material does not constitute any health hazard in connection with B.S.E. / T.S.E. The basis of this claim is that the material concerned does not derive from animal origin and neither the producer nor Hughes & Company use any extracts of animal (cattle, sheep, goat etc.) origin in the manufacture of this product and indeed do not have on site any such products for any purpose and further that the plant on which production is carried out does not have contact of any type with products of such origin.		

Product Statements

GMO EC Regulations 1829/2003 & 1830/2003	No material of GM origin has been used at any stage of the production of this product.
Gluten Free	We hereby state and certify that this product does not contain any gluten.
Vegetarian	This material is suitable for Vegetarians.
Vegan	This material is suitable for Vegans.
Halal	This material is not certified Halal.
Kosher	This material is not certified Kosher.
Heavy Metals	Not tested routinely, but historic testing has shown results to be well within EU limits.
Animal Testing	<p>We hereby certify that this material has not been tested on animals either by us or by the producer or anyone else in the supply chain.</p> <p>“Has not been tested” means that we have not tested ourselves nor has any third party been commissioned to test on our behalf. Reference to any testing in literature to which we associate directly or indirectly is based on reported industry data in the public domain and does not indicate any animal testing associated to this source of this ingredient.</p> <p>This statement applies to all common cut off periods in force in the cosmetics industry and specifically a period not less than 15 years lapsed from date of this statement.</p> <p>We further declare that this material does not derive from animal source nor have animal products been used in its manufacture. Furthermore animal products do not form part of the product range handled or processed on the plant / equipment producing this item.</p>
Californian Proposition 65	To the best of our knowledge, this material does not contain any contaminants or bi-products known to the State of California to cause cancer or reproductive toxicity as listed under Proposition 65 State Drinking Water and Toxic Enforcement Act.
Microbiology	Due to the nature of this product (waterless system) – no microbiological activity will be present in the oil.
Food Use	Suitable for food use, subject to all the usual formulation considerations. FEMA
Regulation EC 1223/2009	We hereby confirm that this material is acceptable for use in cosmetic applications governed by Cosmetic Regulation EC 1223/2009. We further confirm this material does not contain any components indicated as prohibited and any components listed as restricted will be indicated on the corresponding Cosmetic Allergens Declaration or IFRA certificate.
UV Filter	In accordance with Article 14e of the EU Cosmetics Regulation no UV filters have been used or added in the course of production.
Cruelty Free	To the best of our knowledge, there are no instances of cruelty to animals that take place during the manufacture of this material.
Palm Free	We confirm that this material is free from palm oil and palm oil derivatives.
Additional Information	None

Product Statements

Revision Date	31/10/2023
Reason for Revision	01 New document.
Rev No/Repl, Newly Generated	01 New document.

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use.

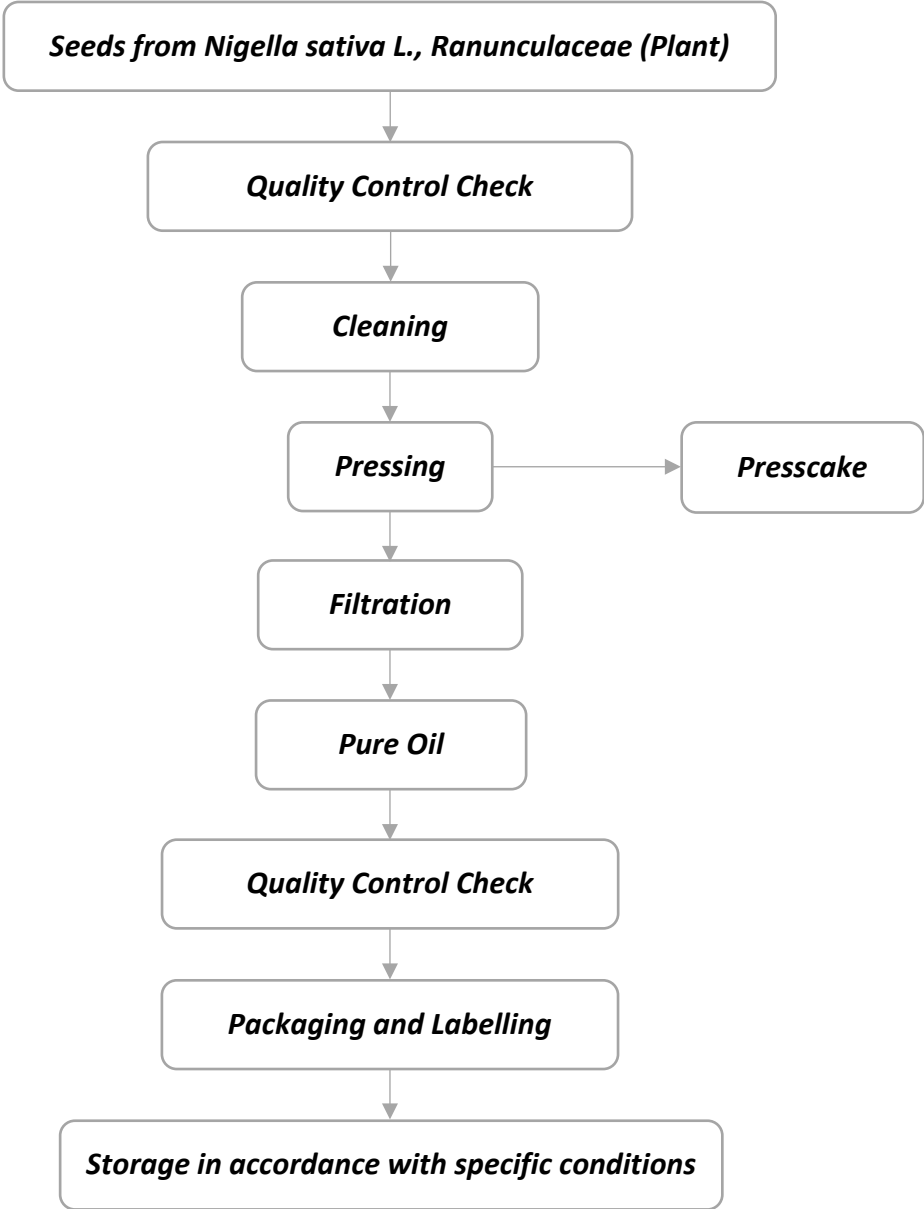
Nutritional Values

Product Name:	Black Cumin Seed Oil Pressed Organic		
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CAS No:	90064-32-7	EC No:	290-094-1

Nutritional Information	Per 100g
Energy (Kcal/100g)	900 (3700)
Carbohydrate (mg)	0
Sugar	0
Protein (g)	0
Fat Content (g)	100.0
Salt	0
Typical Fatty Acid Composition	
Monounsaturated Fatty Acids (g)	25.1
Saturated Fatty Acids (g)	16.8
Polyunsaturated Fatty Acids (g)	58.2

Manufacture Flow Diagram

Product Name:	Black Cumin Seed Oil Pressed Organic		
CAS No:	90064-32-7	EC No:	290-094-1



Food Allergens

Product Name:	Black Cumin Seed Oil Pressed Organic		
CAS No:	90064-32-7	EC No:	290-094-1

Allergens	Allergen Present in Product?	Present in Factory?	Possibility of Cross-Contamination?
Cereals & Gluten	No	Yes	No
Crustaceans	No	No	No
Eggs	No	No	No
Fish	No	No	No
Peanut	No	Yes	No
Soya	No	Yes	No
Milk	No	No	No
Nuts	No	Yes	No
Celery & Celeriac	No	Yes	No
Mustard	No	Yes	No
Sesame	No	Yes	No
Sulphur Dioxide & Sulphites	No	No	No
Lupin	No	No	No
Mollusc	No	No	No