




## MATERIAL SAFETY DATASHEET

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

<b>1.1 Product Identifier</b>					
Product Name		Black Cumin Seed			
Biological Definition		Nigella Sativa Seed Extract is an extract of the seeds of the Black Caraway, Nigella sativa L., Ranunculaceae.			
INCI Name		<i>Nigella Sativa Seed Extract</i>			
Synonyms & Trade Names		---			
CAS-No	90064-32-7	EC No.	290-094-1	EINECS No.	N/A
<b>1.2 Relative identified uses of the substance or mixture and uses advised against</b>					
Industrial uses. Formulation [mixing] of preparations. Uses advised against: Other uses than those recommended.					
<b>1.3 Details of the supplier of the safety data sheet</b>					
VENKATRAMNA INDUSTRIES, Talaya Chauki, Kannauj-209725, (UP) INDIA					
<b>1.4 Emergency Tel. No.</b>		+91-9554075786			

## 2. HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	
Classification according to the Regulation (EC) No 1272/2008. Sensitization — Skin, Hazard Category 1; H317.	
<b>2.2 Label Elements</b>	
Signal Word	Warning
	
Hazard Statements	
Eye:Slightly eye irritant.	
Precautionary Statements	
P280: Wear protective gloves. P302+P352: IF ON SKIN: Wash with plenty of water. P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P362+P364: Take off contaminated clothing and wash it before reuse. P501: Dispose of contents/container to an approved waste disposal plant.	
Supplementary Precautionary Statements	
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**2.3 Other Hazards**

No additional data available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

Seed Oil 100% by weight

**4. FIRST AID MEASURES****4.1 Description of first aid measures**

Inhalation	Remove person to fresh air and keep at rest
Ingestion	N/A
Skin Contact	Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention.
Eye Contact	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.

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

Eye contact: May cause eye irritation and corneal damage if not immediately rinsed out.

Skin Contact: Repeated contact may cause allergic dermatitis.

Inhalation: Breathing high concentrations of vapor may cause anesthetic effects.

Ingestion: Do Not Induce vomiting.

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

N/A

**5. FIRE-FIGHTING MEASURES****5.1 Extinguishing Media**

Carbon dioxide, dry chemical powder or appropriate foam. For safety reasons do not use full water jet

**5.2 Special hazards arising from the product**

Vapours may form explosive mixture with air – in case of fire, the following can be released: Carbon monoxide, Carbon dioxide, smoke, soot.

**5.3 Advice for firefighters**

N/A

**6. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

N/A


**6.2 Environmental Precautions**

	Avoid contaminating the environment via the sewers or water sources.
6.3	Methods and material for containment and cleaning up.
	Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water. Area may be slippery; take precautions.
6.4	Reference to other sections
	See also sections 8 and 13.

## 7. HANDLING AND STORAGE

<b>7.1 Precautions for safe handling</b>	
	Wear safety glasses. Keep away from oxidizing agents, excessive heat and sources of ignition.
7.2	Conditions for safe storage, including any incompatibilities
	Store in a cool (below 40°C), dry location, in a sealed container in a well ventilated area.
7.3	Specific end use(s)
	No data available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1 Control parameters</b>	
Declaration of substances is not required	
<b>8.2 Exposure controls</b>	
Protective Equipment	
	
Process Conditions	Provide eyewash station.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	For high concentrations use respiratory equipment.
Hand Protection	Chemical resistant gloves (PVC)
Eye Protection	Wear approved safety goggles.
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Use personal protection according to Directive 89/686/EEC.
Skin Protection	Wear apron or protective clothing in case of splashes.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorized companies.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1 Information on basic physical and chemical properties</b>	
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Appearance	Clear Liquid
Colour	Green/Brown
Odour	Spicy
Relative Density	No data available
Flash Point (°C)	>280° C
Refractive Index	No additional data available
Melting Point (°C)	No additional data available
Boiling Point (°C)	No additional data available
Vapour Pressure	No additional data available
Solubility in Water @20°C	Insoluble in water.
Auto-ignition temperature (°C)	No additional data available
<b>9.2 Other information</b>	
No additional data available.	

## 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	
No dangerous reactions known.	
<b>10.2 Chemical stability</b>	
Stable under normal operating conditions.	
<b>10.3 Possible hazardous reactions</b>	
Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions.	
<b>10.4 Conditions to Avoid</b>	
Heat, flames and other sources of ignition. No special precautions other than good housekeeping of chemicals.	
<b>10.5 Incompatible materials</b>	
Oxidizing mineral acids, strong reducing agents, strong oxidizing agents.	
<b>10.6 Hazardous Decomposition Products</b>	
Carbon monoxide and other unidentified organic compounds may be formed upon combustion.	

## 11. TOXOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
Acute Toxicity	No data available
Skin corrosion / irritation	May be irritating to skin
Serious eye damage / irritation	May be irritating to eyes. Prompt rinsing and removal of the substance will avoid damage.
Respiratory or skin sensitization	No data available
Germ Cell Mutagenicity	Not listed as mutagenic
Carcinogenicity	Not listed as carcinogenic
Reproductive toxicity	Not listed as reprotoxic

STOT-single exposure	No data available
STOT-repeated exposure	No data available
Aspiration hazard	Not Specified
Photo-toxicity	Not listed as photo-toxic
Other Information	No additional data available
<b>11.2 Information on the likely routes of exposure</b>	
Skin/scalp contact.	
<b>11.3 Symptoms related to the physical, chemical, and toxicological characteristics</b>	
None known. Irritation of the eye if exposed. Redness of the skin if irritated	
<b>11.4 Delayed and immediate effects and chronic effects from short-term and long-term exposure</b>	
No Data Available	

## 12. ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	
No ecological hazards are associated with this product.	
<b>12.2 Persistence &amp; degradability</b>	
N/A	
<b>12.3 Bioaccumulation Potential</b>	
N/A	
<b>12.4 Mobility in soil</b>	
No data available	
<b>12.5 Results of PBT and vPvB Assessment</b>	
No data available	
<b>12.6 Other adverse effects</b>	
Do not allow product to enter streams, sewers or other waterways.	

## 13. DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>	
Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralise. Empty residue into a suitable disposal site. Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.	

## 14. TRANSPORT INFORMATION

<b>14.1 UN number</b>	
UN No. Road	---
UN No. SEA	---
UN No. AIR	---

14.2	UN proper shipping name ---
14.3	Transport hazard class(es) ADR/RID/ADN Not regulated for transport ADR/RID/ADN Class --- IMDG Class --- ICAO Class/Division ---
14.4	Packing group ADR/RID/ADN Packing group --- IMDG Packing group --- ICAO Packing group ---
14.5	Environmental hazards Do not allow to escape into environment, especially not into waterways, sewers or the sea.
14.6	Special precautions for user EMS: Not allocated Emergency Action Code: Not allocated Hazard No. (ADR): Not allocated Tunnel Restriction Code (E) Not assigned
14.7	Transport in bulk according to Annex II of MARPOL 73/78° and IBC Code N/A

## 15. REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture No additional data available.
15.2	Chemical safety assessment No additional information available.

## 16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	H317 may cause an allergic skin reaction.
Other Information	None found

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 himself as to the suitability of such information for his own particular use.