

1. Identification of the substance and of the company

Product name	Nigella seed oil cold pressed
INCI Name	Nigella sativa seed oil
Application	Cosmetics, skin care, aromatherapy
Supplier	SOPREEF
Adress	BP 53, Sokone, Sénégal sopreef@vivredurable.net

2. Hazard Identification

Not hazardous according to EU-regulation

Eye contact	Not expected to be an irritant
Skin contact	Not expected to be an irritant
Ingestion	Food grade
Inhalation	No known hazard

3. Composition/Information on ingredients

INCI	Nigella sativa seed oil (100%)
CAS	90064-32-7
EINECS	290-094-1
Status	Fixed oil
Origin	Senegal

4. First aid measures

Eye contact	Wash thoroughly with copious amount of water for at least 15 minutes. Seek medical advice if symptom persists.
Skin contact	Not known as dangerous Eventually wash with soap and water- get medical attention if any irritation
Ingestion	Not considered as dangerous. Edible quality. If ingested in large quantities, seek medical attention if discomfort is encountered.
Inhalation	Not considered as dangerous. Remove victim to fresh air if any irritation.

In case of doubt or if irritation and symptoms persist, seek medical advice.

5. Fire Fighting Measures

Extinguishing media recommended:

Suitable	Carbon dioxide dry powder or foam, sand.
Unsuitable	Water (can help spread the flame).
Fire protection	Keep away from, and avoid contact with, flames and sparks. Do not smoke
Extinguishing procedures	Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. Accidental Release Measures

Personal precautions	Be careful of slipping after spill or leak.
Prevention	Contain and absorb leaks with non-combustible absorbent materials, such as sand, soil, vermiculite and diatomaceous earth in the barrels for waste disposal. Contain spillage with sawdust. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.
Environment protection	Do not allow to enter drains of water sources.
Cleaning up methods for spillages	Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Clean with hot water and detergents. Do not use solvents.

7. Handling and storage

Handling	Use only equipment resistant to vegetable oils, avoid leaks and ensure it does not soak into the floor Apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Avoid static discharges.
Storage	Keep in tightly sealed containers, in an inert atmosphere and away from light, heat and moisture. Keep air contact to a minimum Keep away from and avoid contact with flames, sparks or strong oxidizing agents

8. Exposure Control/Personal protection

Respiratory protection	No special measures under normal use
Hand protection	No special measures under normal conditions.
Eye protection	Safety glasses if there is a risk of splashing
Other protective equipment	Use anti-slip shoes
Work/hygiene practices	Wash hands with soap & water after handling.

9. Physical and chemical properties

Appearance	Oil, liquid at 20°C
Odour	Typical, spicy
Colour	Brown
Specific gravity	0.91 – 0.93
Water solubility	Insoluble
Acid value	< 10 mg KOH/g
Peroxide value	< 60 meqO ₂ /kg
Iodine value	126.5
Saponification value	195
Flash point	>240°C

10. Stability and reactivity

- Sensible to oxidation, can go rancid on exposure to excessive air and heat.
- Avoid strong acids, alkali, oxidizing agents or heat.
- Decomposition : none (thermal decompositions products are H₂O and CO₂)

11. Toxicological Information

Contains no substances classified as dangerous according to Directive 1272/2008

Acute LD50	no data available
Dermal and eye irritation	no data available
Carcinogenicity, Mutagenicity	no data available

12. Ecological information

This product has not been subjected to ecotoxicological testing. Water insoluble.

Biodegradability	Biodegradable and unlikely to accumulate in aquatic environment. Discharge of large quantities into aquatic environment may kill fish and other organisms by oxygen depletion
Precautions	Prevent surface contamination of soil, ground & surface water

13. Disposal Consideration

Do not pour into drains or into water sources.

Incineration	Incinerate in accordance with local regulations.
Disposing of used containers	Observe the local regulations

14. Transport Information

- Transport the product in accordance with ADR for road transport, RID for rail transport, IMDG for sea transport and ICAO/IATA for air transport. Not classified as hazardous for transport
- General: Not regarded as hazardous material.

15. Regulatory Information

According to Directive 88/379/EEC :

Hazards	N/A
Symbols	N/A
Risk Phrases	N/A
Safety phrases	N/A

16. Other information

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