

1. Identification of the substance and of the company

Product name	Neem seed oil cold pressed
INCI Name	Azadirachta indica seed oil
Application	Cosmetics, skin care, aromatherapy, biological pest control
Supplier	SOPREEF
Adress	BP 53, Sokone, Sénégal sopreef@vivredurable.net

2. Hazard Identification

- Not hazardous according to EU-regulation
- Observe good housekeeping procedures

3. Composition/Information on ingredients

INCI	Azadirachta indica seed oil (100%)
CAS	8002-65-1
EINECS	290-052-2
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	Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.
Ingestion	Not considered as dangerous. Rinse mouth out with water. If irritation persists seek for medical advice
Inhalation	Remove from exposure site to fresh air

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. Observe state, federal and local disposal regulations.

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	Gloves should be worn
Eye protection	Safety glasses if there is a risk of splashing
Other protective equipment	Slip proof shoes may be worn where spills may occur
Work/hygiene practices	Wash hands with soap & water after handling.

9. Physical and chemical properties

Physical state	oil
Odour	Typical
Colour	Dark green to Brown
Specific gravity	0.96
Water solubility	Insoluble
Peroxide value	<10 meq O ₂ /kg
Iodine value	67 g I ₂ /100g
Saponification value	195 mg KOH/g
Flash point	103°C

10. Stability and reactivity

- Generally stable under the recommended storage conditions, can go rancid on exposure to excessive air and heat ; begins to get turbid at 5-10°C.
- 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.

Ecotoxicity	Not available
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. Sources

- [Peer review of the pesticide risk assessment of the active substance azadirachtin \(Margosa extract\)](#), EFSA journal, 2018/03

17. Acknowledgment

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