



NEEM OIL - VIRGIN

CERTIFICATE OF ANALYSIS

LOT: 501112087

Date of Production: June, 2023
Expiration Date: June, 2026

Allergen: Contains seeds (neem)

Not for human consumption.

Parameter	Units	Results
Azadirachtin	ppm	450
Iodine Value		65
Refractive Index	25°C	1.465
Saponification Value		194

Shelf life is expected to be three years from the date of production if the product is stored in the unopened original container between 15°C - 30°C, protected from light. Because this material is sensitive to oxidation, it is saturated with nitrogen and sealed with nitrogen atmosphere for protection. If containers are opened for sampling, be sure to refill atmosphere with nitrogen. Containers that have been opened should be tested at least yearly to ensure quality. Although Zatural believes the above information to be accurate based on the information available to Zatural, it is the responsibility of the their quality requirements customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Zatural meets and is appropriate for the use to which the product is to be put. The information provided above shall be considered effective only for the lot with which the information is being provided. Use and purchase of this material is subject to Zatural standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.



SAFETY DATA SHEET

01. IDENTIFICATION

NAME OF PREPARATION OR SUBSTANCE:	Neem Oil – Virgin
SUPPLIER NAME:	Zatural
SUPPLIER ADDRESS:	1150 E 990 S Eden, ID 83325
TELEPHONE NUMBER:	(208)969-1282
RECOMMENDED USE:	For manufacturing and repackaging use only
EMERGENCY TELEPHONE NUMBER:	Chemtrec 1-800-424-9300 (24 hrs)

02. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS:	
ROUTES OF ENTRY:	Eyes, skin, oral, inhalation.
HUMAN EFFECTS AND- SYMPTOMS OF OVEREXPOSURE:	None noted.
ACUTE EYE CONTACT:	May cause mild reversible eye irritation.
CHRONIC EYE CONTACT:	Chronic exposure not likely from normal use.
ACUTE SKIN CONTACT:	None noted
CHRONIC SKIN CONTRACT:	None noted
ACUTE INHALATION:	None noted
CHRONIC INHALATION:	None noted

03. COMPOSITION/INFORMATION ON INGREDIENTS

DESCRIPTION:	Neem seed kernel extracted oil
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04. FIRST AID MEASURES

EYE CONTACT:	Flush immediately with plenty of water; seek medical attention if irritation persists.
SKIN CONTACT:	Wash with soap and water, seek medical attention if irritation develops or persists.
INHALATION:	Remove to fresh air; seek medical attention if irritation persists.
INGESTION:	Do not induce vomiting; drink 2-3 glasses of water, contact physician for further treatment.

05. FIRE FIGHTING MEASURES

None noted.

EXTINGUISHING MEDIA:	Natural oil, Carbon dioxide or Halon extinguisher
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None
SPECIAL FIRE FIGHTING PROCEDURES:	None

06. ACCIDENTAL RELEASE MEASURES



NATURAL

SPILLS:

Sweep up and place in an appropriate container. Hold for disposal. Wash spilled surfaces to remove any residue.

07. HANDLING & STORAGE

HANDLING:
STORAGE:

Wash thoroughly after handling.
Store in a cool dry place, keep tightly closed.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT:

EYES:
SKIN:
RESPIRATORY/VENTILATION REQUIREMENT:
EXPOSURE LIMITS:

Wear safety glasses
Protective clothing is not necessary
Use with adequate ventilation
None

09. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:
MELTING POINT:
BOILING POINT:
SPECIFIC GRAVITY:
VAPOR PRESSURE:
VAPOR DENSITY:
SOLUBILITY IN WATER:
ODOR:
EVAPORATION RATE:
MOLECULAR WEIGHT:

Natural Brown Colored Neem Oil
55°F / 13°C
310°F / 154°C
0.9228 at 27°C
Not applicable
Not applicable
Not soluble
Characteristic odor
Not applicable
Not applicable

10. STABILITY & REACTIVITY

STABILITY:
REACTIVITY:

Stable
None noted

11. TOXICOLOGICAL INFORMATION

INGESTION:
ORAL LD50 (RAT)
DERMAL:
DERMAL LD50 (RAT)
INHALATION:
LC50 (RAT):
EYE CONTACT:
SKIN CONTACT:
SKIN SENSITIZATION:
OTHER TOXICITY:

Not Available
>5000mg/kg body weight.
Non-toxic
>5000mg/kg body weight.
Non-toxic.
1.1ml/liter of air.
Non irritable (Rabbit)
Not Available
Not Available
Not Available

12. ECOLOGICAL INFORMATION

ECOTOXICITY:
ENVIRONMENTAL FATE:

N/A
N/A



13. DISPOSAL CONSIDERATIONS

DISPOSAL:

Disposal should be handled through a licensed waste disposal service.

14. TRANSPORT INFORMATION

Non-Hazardous Cargo. No special Transporting facility required.

15. REGULATORY INFORMATION

OSHA STATUS:

N/A

TSCA STATUS:

N/A

RCRA STATUS:

N/A

16. OTHER INFORMATION

Not for ingestion.

Not for use in food applications.

Keep away from children and pregnant women.

Revised on 6/12/2023

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