



MATERIAL SAFETY DATA SHEET

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier					
Product Name		Neem Oil.			
Biological Definition		Melia Azadirachta Seed Oil is the oil expressed from the seeds of the Neem Tree, <i>Melia azadirachta L.</i> , <i>Meliaceae</i> .			
INCI Name		Melia Azadirachta Seed Oil.			
Synonyms & Trade Names		Neem Oil			
CAS-No	8002-65-1 90063-92-6	EC No.	290-052-2	EINECS No.	290-052-2
1.2 Relative identified uses of the substance or mixture and uses advised against					
Suitable for use in cosmetics, fragrances and professional applications only.					
1.3 Details of the supplier of the safety data sheet					
<u>The Soap Kitchen, Unit E Swinton Bridge Industrial Estate, Whitelee, Road, Swinton, South Yorkshire, S64 8BH, UK Tel : 01237 420 872</u>					
1.4 Emergency Tel. No.		01237420872			

02. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture	
Not classed as a hazardous substance.	
Classification (EC 1272/2008)	
Not classed as a hazardous substance.	
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	
None.	
Signal Word	None.
Contains	Contains no hazardous substances.
Hazard Statements	
None.	
Precautionary Statements	
None.	
Supplementary Precautionary Statements	



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None.

2.3 Other Hazards

PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	None.
Adverse effects on human health	None.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

100% Melia Azadirachta Seed Oil

CAS: 8002-65-1/90063-92-6

Classification:

- Not classed as a hazardous product

04. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Move the exposed person to fresh air at once. Seek medical attention if any discomfort continues.
Ingestion	Rinse mouth with water. Seek medical attention if any discomfort occurs.
Skin Contact	Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if any discomfort continues.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical attention immediately. Continue to rinse.

4.2 Most important symptoms and effects, both acute and delayed

Not applicable.

4.3 Indication of any immediate medical attention and special treatment needed

Not applicable.

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Carbon dioxide (CO₂). Dry Chemical Powder. Foam. Water fog.
Unsuitable extinguishing media: Water Spray.

5.2 Special hazards arising from the product

None.

5.3 Advice for firefighters

Combustible material. Limit the spread of oil. Treat as an oil (edible fat) fire. Stay away from containers. Cool fire exposed containers with water. If possible, remove containers close to the fire. Use air supplied equipment for fighting interior fires.



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06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Use protective gloves, goggles and suitable protective clothing. Remove sources of ignition, provide adequate ventilation and avoid contact with skin and eye.
6.2 Environmental Precautions
Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines.
6.3 Methods and material for containment and cleaning up.
Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations. If spillage on water occurs; Remove from the surface with suitable adsorbent material. Disposal according to UK/EU Environmental regulations.
6.4 Reference to other sections
Please refer to <i>Section 8 - Exposure controls/personal protection</i> for further information on personal precautions. Please refer to <i>Section 13 - Disposal Considerations</i> for further information on waste treatment.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling
Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Keep away from strong oxidising agents, sources of ignition and pen flames.
7.2 Conditions for safe storage, including any incompatibilities
Store in tightly closed original container, in a cool (max room temperature) dry & ventilated area away from heat sources. Protect from freezing and direct sunlight. Keep air contact to a minimum. Intrusion into the soil to be avoided.
7.3 Specific end use(s)
No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.
8.2 Exposure controls
Protective Equipment
  



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Process Conditions	No special measures required.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	Use adequate ventilation.
Hand Protection	Use chemically resistant gloves if there is a risk of direct contact or splashing.
Eye Protection	Wear safety goggles or face shield if risk of splashing.
Other Protection	Slip proof shoes may be worn in event of spillages.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Wear appropriate clothing to prevent possibility of skin contact.
Skin Protection	Wear appropriate clothing to prevent possibility of skin contact.
Environmental Exposure Controls	Avoid discharging into drainage water.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Oily liquid. Free from suspended solvents.
Colour	Brown to greenish brown.
Odour	Characteristic – typical neem.
Relative Density	~0.937 @ 20°C
Flash Point (°C)	>100°C
Refractive Index	~1.467 @ 40°C
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. Soluble in vegetable oils.
Auto-ignition temperature (°C)	No additional data available.
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity	
Stable under normal conditions of use.	
10.2 Chemical stability	
Stable under the recommended handling and storage conditions.	
10.3 Possible hazardous reactions	
None under normal conditions of use.	
10.4 Conditions to Avoid	
None.	



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10.5 Incompatible materials

Avoid contact with strong acids, alkalis and oxidising agents.

10.6 Hazardous Decomposition Products

Does not decompose at proper handling.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity	LD50 oral: >5g/kg LD50 dermal: >2g/kg
Skin corrosion / irritation	In compliance with generally accepted uses and quantities are no negative impacts to be expected.
Serious eye damage / irritation	In compliance with generally accepted uses and quantities are no negative impacts to be expected.
Respiratory or skin sensitisation	LC50: 0.72mg/l
Germ Cell Mutagenicity	Non mutagenic.
Carcinogenicity	Non carcinogenic.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available.
Photo-toxicity	Not photo toxic.
Other Information	None.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No additional data available.

12.2 Persistence & degradability

Readily biodegradable.

12.3 Bioaccumulation Potential

No additional data available.

12.4 Mobility in soil

No additional data available.

12.5 Results of PBT and vPvB Assessment



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No additional data available.

12.6 Other adverse effects

Do not allow product to enter streams, sewers or other waterways.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Collect and dispose of waste product in accordance with local authority guidelines using a hazardous chemical disposal company. Product remainders should not intrude soil or waters.

14. TRANSPORT INFORMATION

14.1 UN number

UN No. Road	Not bound by transport regulations.
UN No. SEA	Not bound by transport regulations.
UN No. AIR	Not bound by transport regulations.

14.2 UN proper shipping name

Not bound by transport regulations.

14.3 Transport hazard class(es)

Not bound by transport regulations.

14.4 Packing group

Not bound by transport regulations.

14.5 Environmental hazards

No hazard label necessary – non-hazardous product.

14.6 Special precautions for user

See sections 6 – 8.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Not defined.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18th Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.

15.2 Chemical safety assessment

non hazardous product according to article 31 of REACH 1907/2006.



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16. OTHER INFORMATION

Hazard Statements in Full	None - non-hazardous product.
Revision Date	07/02/2017
Rev No	21/09/2020

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