

MATERIAL SAFETY DATA SHEET

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

1:1-Product Identifiers:					
Product name	Neem Oil Cold Pressed WHC088				
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				
Reach Registration Number	-				
FEMA No.	-	FDA No.	-	CoE No.	-
CAS-No	8002-65-1/ 90063-92-6	EC No.	-/ 290-052-2	EINECS No.	-/ 290-052-2

1:2 – Relevant Identified Uses of the substance or mixture and uses advised against:	
Identified Uses	No additional data available.
1:3 – Details of the supplier of the Safety data sheets.	
Company Name	Ancient Wisdom Marketing Ltd Block B Parkwood Business Park, 75 Parkwood Road, Sheffield, S3 8AL. Email: care@ancientwisdom.biz Tel: 0114 2729165 Fax: 0114 2706571
1:4 – Emergency Telephone number	
Contact telephone number	0114 2729165

02. HAZARDS IDENTIFICATION

2:1 Classification of the substance or mixture	
Classification (1999/45)	Not classed as a hazardous substance
Classification (EC 1272/2008)	Not classed as a hazardous substance
2.2 – Label Elements	
Label Elements in accordance with (EC) No 1272/2008	None
2:3 - Other hazards	
Signal Word	None
Contains	No hazardous substances

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Hazard Statements	None
Precautionary Statements	None
Supplementary Precautionary Statements	None
PBT or vPvB according to Annex XIII	No
Adverse physio-chemical properties	None
Adverse effects on human health	None

03. COMPOSITION/INFORMATION ON INGREDIENTS

3:1 - Substances	
Substances	100% Melia Azadirachta Seed Oil - not classed as a hazardous product
3:2 - Mixtures	
Mixtures	Not applicable

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	
Symptoms and effects	No additional data available.
4:3 – Indication of any immediate medical attention and special treatment needed	
Special requirements	No additional data available.

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05. FIRE-FIGHTING MEASURES

5:1 - Extinguishing Media	
Suitable extinguishing Media	Foam, Carbon dioxide or dry powder, water fog.
Unsuitable extinguishing Media-DO NOT USE	Water spray
5:2 - Special Hazards arising from substance or mixture	
Specific hazards	None
5:3 – Advice for firefighters	
Special firefighting procedures/ protective actions.	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

06. ACCIDENTAL RELEASE MEASURES

6:1 - Personal Precautions, protective equipment and emergency procedures.	
Personal precautions	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	
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 materials for containment and cleaning up	
Spill Clean Up Methods	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	
Reference to other sections	Section 8 – Exposure controls/ personal protection for further information on personal precautions,

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Section 13 – Disposal considerations for further information on waste treatment.

07. HANDLING AND STORAGE

7:1 – Precautions for safe handling

Usage precautions

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

Storage Precautions

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.

Suitable Packaging

No additional data available

7:3 – Specific end use (s)

End Uses

No additional data available

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8:1 – Control parameters

Components with workplace 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



Process conditions

No special measures required

Engineering Measures

Provide adequate ventilation.

Respiratory Equipment

Use adequate ventilation

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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	Clear liquid. Free from suspended solvents
Colour	Brown too greenish brown
Odour	Characteristic
Relative Density	0.910 – 0.965 @ 20°C
Flash Point (°C)	>100°C
Refractive Index	1.450 – 1.485 @ 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	
Other Information	No additional data available.

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10. STABILITY AND REACTIVITY

10:1- Reactivity	
Reactivity	Stable under normal conditions of use.
10:2 - Chemical stability	
Stability	Stable under the recommended handling and storage conditions
10:3 - Possibility of hazardous reactions	
Possible hazardous reactions	None under normal conditions of use
10:4 - Conditions to avoid	
Conditions to Avoid	None
10:5 – Incompatible materials	
Incompatible materials	Strong oxidising agents, strong acids, strong alkalis.
10:6 - Hazardous Decomposition Products	
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

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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	
Ecotoxicity	No additional data available
12:2 - Persistence & degradability	
Persistence & degradability	Readily biodegradable
12:3 - Bioaccumulative Potential	
Bioaccumulative Potential	No additional data available
12:4 – Mobility in soil	
Mobility	No additional data available
12:5 – Results of PBT and vPvB assessment	
PBT Assessment Results	No additional data available
12:6 Other adverse effects	

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Precautions	Do not allow product to enter streams, sewers or other waterways.
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13. DISPOSAL CONSIDERATIONS

13:1 Waste treatment methods	
Disposal 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

Warning Icon	Non-hazardous product – Not restricted.
14:1 – UN Number	
UN No Road – ADR/RID/ADN	Non-hazardous product – Not restricted
UN No Sea- IMDG	Non-hazardous product – Not restricted
UN No Air – IATA	Non-hazardous product – Not restricted
14:2 – UN proper shipping name	
Road – ADR/RID/ADN	No additional data available
Sea- IMDG	No additional data available
Air - IATA	No additional data available
14:3 – Transport Hazard class (es)	
Road – ADR/RID/ADN	No additional data available
Sea- IMDG	No additional data available
Air- IATA	No additional data available
14:4 - Packaging group	

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Road – ADR/RID/ADN	No additional data available
Sea- IMDG	No additional data available
Air - IATA	No additional data available
14:5 – Environmental hazard	
Environmentally hazardous substance/ marine pollutant.	No hazard label necessary – non-hazardous product
14:6 - Special precautions for user	
Precautions	See sections 6-8
14:7 – Transport in bulk according to Annex II of MARPOL 73/79 and the IBC code	
	Not defined

15. REGULATORY INFORMATION

15:1 – Safety, health and environmental regulations/ legislation specific for the substance or mixture.	
EU Directives	Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 th 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) No1488/94 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.
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.

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15:2 Chemical Safety assessment

Assessment information	A chemical assessment for this product has not been carried out.
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16. OTHER INFORMATION

Revision Date	06.12.2016
Rev No/Repl, SDS Generated	4
Change Description	Updated to new MSDS format
Changes made by	K Tatton
Review Date	06.12.2018
Risk Phrases in Full	None
Hazard Statements in Full	None
Other Information	None

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.