# 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, *Melia azadirachta L., Meliaceae*. | | | | |
| 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**<br>**Block B Parkwood Business Park, 75 Parkwood Road, Sheffield, S3 8AL.**<br>**Email: care@ancientwisdom.biz**<br>**Tel: 0114 2729165**<br>**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

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| **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. |

## 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

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| **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. |

## 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

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|---|---|
| **11:1 Information on toxicological effects** | |
| Acute Toxicity | LD50 oral: >5g/kg<br>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. |

## 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** | |

| | |
|---|---|
| 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 18th Dec 2006<br>Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH),<br>establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing<br>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. |

| 15:2 Chemical Safety assessment | |
|---|---|
| Assessment information | A chemical assessment for this product has not been carried out. |

## 16. OTHER INFORMATION

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|---|---|
| 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.**