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MATERIAL SAFETY DATA SHEET

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

Product Name	Neem Oil					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					
Synonyms & Trade Names	Neem oil					
Supplier	William Hodgson & Company, Unit 3 The Dairy, Gawsworth Business Court, Shellow Lane, North Rode, Congleton, Cheshire. CW12 2FQ. Emergency Tel No: 07795 414 061					
Reach Registration Number <small>(According to EU Reg 1907/2006)</small>	-					
FEMA No.	-	FDA No.	-	CoE No.	-	
CAS-No	8002-65-1 / 90063-92-6	EC No.	290-052-2	EINECS No.	290-052-2	

02. HAZARDS IDENTIFICATION

Classification (1999/45)	No additional data
Classification (EC 1272/2008)	Not classed as a hazardous substance
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	No additional data
PBT or vPvB according to Annex XIII	No additional data
Adverse physio-chemical properties	No additional data
Adverse effects on human health	No additional data

03. COMPOSITION/INFORMATION ON INGREDIENTS

Melia Azadirachta Seed Oil	100%
Cas No: 8002-65-1 / 90063-92-6 not classed as a hazardous product	

04. FIRST AID MEASURES

General Information	None stated
Inhalation	Move the exposed person to fresh air at once. Seek medical attention if any discomfort continues.

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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.

05. FIRE-FIGHTING MEASURES

Extinguishing Media	Extinguishing media: Carbon dioxide (CO2). Dry Chemical Powder. Foam. Water fog. Unsuitable extinguishing media: water spray.
Special Fire Fighting Procedures	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.
Specific Hazards	No additional data
Protective Measures in Fire	No additional data

06. ACCIDENTAL RELEASE MEASURES




Personal Precautions	Use protective gloves, goggles and suitable protective clothing. Remove sources of ignition, provide adequate ventilation and avoid contact with skin and eye.
Environmental Precautions	Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines.
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

07. HANDLING AND STORAGE

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.
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.

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08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment	  
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.

09. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Oily liquid. Free from suspended solvents.
Colour	Brown to greenish brown.
Odour	Characteristic – typical neem.
Relative Density	Approx. 0.937 @ 20°C
Flash Point (°C)	>100°C
Refractive Index	Approx. 1.467 @ 40°C
Melting Point (°C)	No additional data
Boiling Point (°C)	No additional data
Vapour Pressure	No additional data
Solubility in Water @20°C	Insoluble in water. Soluble in vegetable oils.
Auto-ignition temperature (°C)	No additional data

10. STABILITY AND REACTIVITY

Stability	Stable under the recommended handling and storage conditions.
Conditions to Avoid	No additional data

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Materials to Avoid	No additional data
Hazardous Decomposition Products	Does not decompose at proper handling.

11. TOXOLOGICAL INFORMATION

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	Not mutagenic
Carcinogenicity	Non carcinogenic
Reproductive toxicity	No additional data
STOT-single exposure	No additional data
STOT-repeated exposure	No additional data
Aspiration hazard	No additional data
Photo-toxicity	Not photo toxic
Other Information	-

12. ECOLOGICAL INFORMATION

Ecotoxicity	No additional data
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Mobility	No additional data
Persistence & Biodegradability	Readily biodegradable
Bioaccumulation Potential	No additional data
PBT Assessment Results	No additional data
Precautions	Do not allow product to enter streams, sewers or other waterways.

13. DISPOSAL CONSIDERATIONS

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.
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14. TRANSPORT INFORMATION

Warning Icon	Non hazardous product – not restricted.
Proper Shipping Name	No additional data
UN No. Road	Non hazardous product – not restricted.
ADR Class	Non hazardous product – not restricted.
Hazard No (ADR)	Non hazardous product – not restricted.
Hazchem Code	Non hazardous product – not restricted.
UN No. SEA	Non hazardous product – not restricted.
IMDG Class	Non hazardous product – not restricted.
IMDG Pack Gr.	Non hazardous product – not restricted.
EMS	Non hazardous product – not restricted.

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UN No. AIR	Non hazardous product – not restricted.
Air Class	Non hazardous product – not restricted.
Air Pack Gr.	Non hazardous product – not restricted.

15. REGULATORY INFORMATION

EU Directives	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.
Statutory Instruments	No additional data
Approved Code of Practice	No additional data
Guidance Notes	No additional data

16. OTHER INFORMATION

Revision Date	10.12.2018
Rev No/Repl, SDS Generated	5
Risk Phrases in Full	-
Hazard Statements in Full	-
Other Information	-