

MATERIAL SAFETY DATA SHEET

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

| 1:1-Product Identifiers: | | | | | |
|---------------------------|-----------|--|-----------|------------|-----------|
| Product name | | Organic Coconut Oil Refined | | | |
| Biological Definition | | Cocos Nucifera Oil is the fixed oil extracted from the dried endosperm of organic <i>Cocos nucifera</i> , <i>Palmaceae</i> The coconut flesh is ground and then pressed. The crude oil is then deodorised to EU organic standards. | | | |
| INCI Name | | Cocos Nucifera Oil | | | |
| Synonyms & Trade Names | | - | | | |
| Reach Registration Number | | - | | | |
| FEMA No. | - | FDA No. | - | CoE No. | - |
| CAS-No | 8001-31-8 | EC No. | 232-282-8 | EINECS No. | 232-282-8 |

| 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 | LiveMoor, Unit 1, Haxter Court, Broadley Park Road, Plymouth, PL6 7FS Email: info@livemoor.co.uk Tel: 01752 695220 |
| 1:4 – Emergency Telephone number | |
| Contact telephone number | 01752 695202 |

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 | |

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| Signal Word | None |
| Contains | No hazardous substances |
| 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 | No additional data available |
| 3:2 - Mixtures | |
| Mixtures | No additional data available |

04. FIRST AID MEASURES

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| 4:1 – Description of first aid measures | |
| General Advice | No special measure required |
| Inhalation | First aid is not usually necessary. |
| Ingestion | Generally First aid is not usually necessary. Seek medical attention in case of any adverse effects. |
| Skin Contact | Generally, no skin irritation to be expected. Wash with soap and water. |
| Eye Contact | Rinse immediately with plenty of cool water. Should irritation develop seek professional medical attention. |
| 4:2 – Most important symptoms and effects, both acute and delayed | |
| Symptoms and effects | No additional data available |

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4:3 – Indication of any immediate medical attention and special treatment needed

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| Special requirements | No specific recommendations. |
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05. FIRE-FIGHTING MEASURES

5:1 - Extinguishing Media

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| Suitable extinguishing Media | Foam, Carbon dioxide or dry powder. |
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| Unsuitable extinguishing Media-DO NOT USE | No additional data available |
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5:2 - Special Hazards arising from substance or mixture

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| Specific hazards | Smoke, carbon monoxide, carbon dioxide |
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5:3 – Advice for firefighters

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| Special firefighting procedures/ protective actions. | In order to protect personnel and to cool down containers in the danger zone use water fog or spray jet. Interrupt inflow of product. Let the fire burn out under control or extinguish with alcohol resistible foam or dry chemical powder. Apply respiratory and eye protection for fire fighting personnel exposed to smoke or vapours. Closed containers may build up pressure when exposed to heat and should be cooled with water spray |
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06. ACCIDENTAL RELEASE MEASURES

6:1 - Personal Precautions, protective equipment and emergency procedures.

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| Personal precautions | Maintain good occupational and personal hygiene. Avoid contact with skin and eyes |
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6:2 - Environmental Precautions

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| Environmental Precautions | Shut off source. Prevent product from entering sewerage, water courses or low lying areas; advise the relevant authorities if it has already or if it is still contaminating sewerage, waters or soil/vegetation. Take measures to reduce or prevent effects on ground water. Gather product mechanically if possible. |
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6:3 – Methods and materials for containment and cleaning up



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| Spill Clean Up Methods | Gather product mechanically if possible. Bind remaining product with sand or other appropriate absorbent and remove. Dispose of product and contaminated absorbents in suitable containers, in accordance with local regulation. |
| 6:4 – Reference to other sections | |
| Reference to other sections | Section 8 – Exposure controls/ personal protection for further information on personal precautions, 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. |
| 7:2 – Conditions for safe Storage including any incompatibilities | |
| Storage Precautions | Store the product in chilled (max. at room temperature) and well-ventilated environment and keep away from sources of ignition. Provide suitable mechanical equipment for the safe handling of drums and heavy packages |
| Suitable Packaging | No additional data available |
| 7:3 – Specific end use (s) | |
| End Uses | No additional data available |

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| 8:1 – Control parameters | |
| Components with workplace control parameters | No additional data available |
| 8:2 – Exposure controls | |
| Protective Equipment |   |
| Process conditions | No additional data available |

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| Engineering Measures | No specific measures. |
| Respiratory Equipment | No specific measures to be taken |
| Hand Protection | No specific measures to be taken. Use chemically resistant gloves if required. |
| Eye Protection | Avoid contact with eyes- wear goggles/ face protection if necessary. |
| Other Protection | No special measures required |
| Hygiene Measures | No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. Wash hands with soap and water after handling. |
| Personal protection | No special measures required |
| Skin protection | No additional data available |
| Environmental exposure controls | No additional data available |

09. PHYSICAL AND CHEMICAL PROPERTIES

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|--|--|
| 9:1 - Information on basic physical and chemical properties. | |
| Appearance | Solid, white, light characteristic odour |
| Colour | White |
| Odour | Characteristic. Free from rancid and foreign odours. |
| Relative Density | 0.9500 @ 20°C |
| Flash Point (°C) | > 300°C |
| Refractive Index | Not known |
| Melting Point (°C) | Not known |
| Boiling Point (°C) | Not known |
| Vapour Pressure | Not known |
| Solubility in Water @20°C | Insoluble in water; soluble in common organic solvents |
| Auto-ignition temperature (°C) | Not known |
| 9:2 - Other information | |

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|-------------------|-------------------------------|
| Other Information | No additional data available. |
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10. STABILITY AND REACTIVITY

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| 10:1- Reactivity | |
| Reactivity | It presents no significant reactivity hazards, by itself or in contact with water |
| 10:2 - Chemical stability | |
| Stability | It presents no significant reactivity hazards, by itself or in contact with water |
| 10:3 - Possibility of hazardous reactions | |
| Possible hazardous reactions | No additional data available. |
| 10:4 - Conditions to avoid | |
| Conditions to Avoid | Avoid heat, flames and other sources of ignition |
| 10:5 – Incompatible materials | |
| Incompatible materials | Avoid contact with strong oxidants such as liquid chlorine and concentrated oxygen. |
| 10:6 - Hazardous Decomposition Products | |
| Hazardous Decomposition Products | None known |

11. TOXOLOGICAL INFORMATION

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| 11:1 Information on toxicological effects | |
| Acute Toxicity | The evaluation was made of toxicological data of components or similar products derived. This product is human food quality. |
| Skin corrosion / irritation | Not a skin irritant |
| Serious eye damage / irritation | Not known. |
| Respiratory or skin sensitisation | Not a skin sensitiser. |

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| Germ Cell Mutagenicity | Not a mutagen |
| Carcinogenicity | No data found |
| Reproductive toxicity | Not a reprotoxicant |
| STOT-single exposure | No data found |
| STOT-repeated exposure | No data found |
| Aspiration hazard | Does not present an aspiration hazard |
| Photo-toxicity | Not photo-toxic |
| Other Information | Acute Toxicity, irritation and CMR-effects of the substance are investigated and rated. Individual aspects are partially missing data. In the experience of the manufacturer, however, on the identification excess risks to be expected. |

12. ECOLOGICAL INFORMATION

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|---|---|
| 12:1- Toxicity | |
| Ecotoxicity | Specific ecological toxicity data for this product are not available. |
| 12:2 - Persistence & degradability | |
| Persistence & degradability | 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 | |

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| PBT Assessment Results | No additional data available |
| 12:6 Other adverse effects | |
| Precautions | Take measures against discharging into the environment.in any form. |

13. DISPOSAL CONSIDERATIONS

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| 13:1 Waste treatment methods | |
| Disposal Methods | Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company. |

14. TRANSPORT INFORMATION

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|------------------------------------|------------------------------------|
| Warning Icon | Not bound by transport regulations |
| 14:1 – UN Number | |
| UN No Road – ADR/RID/ADN | None |
| UN No Sea- IMDG | None |
| UN No Air – IATA | None |
| 14:2 – UN proper shipping name | |
| Road – ADR/RID/ADN | Not applicable |
| Sea- IMDG | Not applicable |
| Air - IATA | Not applicable |
| 14:3 – Transport Hazard class (es) | |
| Road – ADR/RID/ADN | Not applicable |
| Sea- IMDG | Not applicable |

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|--|------------------------------|
| Air- IATA | Not applicable |
| 14:4 - Packaging group | |
| Road – ADR/RID/ADN | Not applicable |
| Sea- IMDG | Not applicable |
| Air - IATA | Not applicable |
| 14:5 – Environmental hazard | |
| Environmentally hazardous substance/ marine pollutant. | No additional data available |
| 14:6 - Special precautions for user | |
| Precautions | No additional data available |
| 14:7 – Transport in bulk according to Annex II of MARPOL 73/79 and the IBC code | |
| | No additional data available |

15. REGULATORY INFORMATION

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|--|---|
| 15:1 – Safety, health and environmental regulations/ legislation specific for the substance or mixture. | |
| EU Directives | <p>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 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.</p> |
| Statutory Instruments | The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716). |

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| 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 | 14.07.2016 |
| Rev No/Repl, SDS Generated | 4 |
| Change Description | Updated to new MSDS format |
| Changes made by | K Tatton |
| Review Date | 14.07.2018 |
| Risk Phrases in Full | R36: Irritating to eyes S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| Hazard Statements in Full | None designated |
| Other Information | Complies with REACH guidance for SDS as circulated by ECHA 2011. |

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.