



MATERIAL SAFETY DATA SHEET

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

| 1:1-Product Identifiers: | | | | | |
|---------------------------|---|---|---|------------|---|
| Product name | | Marula Oil | | | |
| Biological Definition | | Sclerocarya Birrea Seed Oil is the oil expressed from the seeds of the <i>Sclerocarya birrea</i> , <i>Anacardiaceae</i> . | | | |
| INCI Name | | Sclerocarya Birrea Seed Oil | | | |
| Synonyms & Trade Names | | - | | | |
| Reach Registration Number | | - | | | |
| FEMA No. | - | FDA No. | - | CoE No. | - |
| CAS-No | - | EC No. | - | EINECS No. | - |

| 1:2 – Relevant Identified Uses of the substance or mixture and uses advised against: | |
|--|--|
| Identified Uses | Component of; Food, Animal Food, Cosmetic products, Pharmaceutical products and Technical applications. |
| 1:3 – Details of the supplier of the Safety data sheets. | |
| Company Name | The Soap Kitchen, Unit E Swinton Bridge Industrial Estate, Whitelee, Road, Swinton, South Yorkshire, S64 8BH, UK Tel : 01237 420 872 |
| 1:4 – Emergency Telephone number | |
| Contact telephone number | Tel : 01237 420 872 |

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% Sclerocarya Birrea Seed Oil |
| 3:2 - Mixtures | |
| Mixtures | No additional data available |

04. FIRST AID MEASURES

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| 4:1 – Description of first aid measures | |
| Inhalation | Provide fresh air. Seek medical advice if discomfort continues. |
| Ingestion | Rinse mouth with water. Seek medical advice immediately. |
| 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. Get medical attention immediately. Continue to rinse. |
| 4:2 – Most important symptoms and effects, both acute and delayed | |
| Symptoms and effects | No symptoms known |
| 4:3 – Indication of any immediate medical attention and special treatment needed | |
| Special requirements | None |



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05. FIRE-FIGHTING MEASURES

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|---|--|
| 5:1 - Extinguishing Media | |
| Suitable extinguishing Media | Foam, Carbon dioxide or dry powder. |
| Unsuitable extinguishing Media-DO NOT USE | Full Water Jet |
| 5:2 - Special Hazards arising from substance or mixture | |
| Specific hazards | This product is made up of inflammable material with low risk. The product may only form ignitable mixtures or burn only upon heating above the flash point. However, minor contamination by lightly volatile hydrocarbons may increase the hazard. Ignition hazard at welding at the empty container. Dangerous combustion residues: smoke, carbon monoxide, carbon dioxide |
| 5:3 – Advice for firefighters | |
| Special firefighting procedures/ protective actions. | In case of fire; Use respirator. Closed containers may build up pressure when exposed to heat and should be cooled with water spray. |

06. ACCIDENTAL RELEASE MEASURES

| | |
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| 6:1 - Personal Precautions, protective equipment and emergency procedures. | |
| Personal precautions | Remove sources of ignition. Provide adequate ventilation. Avoid contact with skin and eyes. |
| 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 | Cover with an inert, inorganic, non-combustible absorbent material (e.g dry-lime, sand, soda ash). Place in covered containers and dispose of in accordance with current laws and regulations. If Spillage on water occurs; Confine the spill immediately with booms. Warn other ships. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. In running waters, apply appropriate dispersants in accordance with local regulation. |



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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

7:1 – Precautions for safe handling

Usage precautions

Keep containers leak proof closed and dry. Protect against sun/light. Prevent spills and leakages to avoid slip hazard.

7:2 – Conditions for safe Storage including any incompatibilities

Storage Precautions

Intrusion into soil to be avoided. Store the product in cool (max. at room temperature) and well-ventilated environment and keep away from sources of ignition. Take precautions to avoid static discharges in working area. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Electrical equipment and fittings must comply with local regulations.

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

No additional data available

8:2 – Exposure controls

Protective Equipment



Process conditions

No special measures required



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| | |
|---------------------------------|--|
| Engineering Measures | No special measures required |
| Respiratory Equipment | Provide adequate ventilation of working area. |
| Hand Protection | Avoid contact with skin. Wear safety gloves. |
| Eye Protection | Wear safety glasses. |
| Other Protection | Slip proof shoes may be worn in event of spillage, to prevent slipping. |
| Hygiene Measures | Good personal hygiene practices are always advisable, especially when working with chemicals / oils. |
| Personal protection | Use personal protection according to Directive 89/686/EEC. |
| Skin protection | Wear laboratory coats or overalls to avoid contact with skin. |
| Environmental exposure controls | Avoid discharging into drainage water. |

09. PHYSICAL AND CHEMICAL PROPERTIES

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|--|---|
| 9:1 - Information on basic physical and chemical properties. | |
| Appearance | Clear, pale yellow liquid |
| Colour | Pale yellow |
| Odour | Neutral – free from rancid or foreign odours |
| Relative Density | 0.910 - 0.925 @ 20°C |
| Flash Point (°C) | >250 |
| Refractive Index | 1.462 - 1.479 @ 20°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 oil and ethanol. |
| Auto-ignition temperature (°C) | No additional data available. |
| 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 | Presents no significant reactivity hazards, by itself or in contact with water. |
| 10:2 - Chemical stability | |
| Stability | Stable under the recommended handling and storage conditions |
| 10:3 - Possibility of hazardous reactions | |
| Possible hazardous reactions | Reacts with oxidants |
| 10:4 - Conditions to avoid | |
| Conditions to Avoid | Avoid heat, flames, sunlight and other sources of ignition |
| 10:5 – Incompatible materials | |
| Incompatible materials | Strong oxidising agents, strong acids, strong alkalis. |
| 10:6 - Hazardous Decomposition Products | |
| Hazardous Decomposition Products | Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed |

11. TOXOLOGICAL INFORMATION

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|---|-------------------------------|
| 11:1 Information on toxicological effects | |
| Acute Toxicity | No additional data available. |
| Skin corrosion / irritation | No additional data available. |
| Serious eye damage / irritation | No additional data available. |
| Respiratory or skin sensitisation | No additional data available. |



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|------------------------|-------------------------------|
| Ingestion | No additional data available. |
| Germ Cell Mutagenicity | No additional data available. |
| Carcinogenicity | No additional data available. |
| 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 | No additional data available. |
| Other Information | No additional data available. |

12. ECOLOGICAL INFORMATION

| | |
|------------------------------------|-------------------------------|
| 12:1- Toxicity | |
| Ecotoxicity | No additional data available. |
| 12:2 - Persistence & degradability | |
| Persistence & degradability | No additional data available. |
| 12:3 - Bioaccumulative Potential | |
| Bioaccumulative Potential | No additional data available. |
| 12:4 – Mobility in soil | |
| Mobility | No additional data available. |



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12:5 – Results of PBT and vPvB assessment

| | |
|------------------------|-------------------------------|
| PBT Assessment Results | No additional data available. |
|------------------------|-------------------------------|

12:6 Other adverse effects

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

13. DISPOSAL CONSIDERATIONS

13:1 Waste treatment methods

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|------------------|---|
| Disposal Methods | Collect and dispose of waste product at an authorised disposal facility. Product remainders should not intrude soil or waters. |
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14. TRANSPORT INFORMATION

| | |
|--------------|---|
| Warning Icon | Not classed as hazardous for transport. |
|--------------|---|

14:1 – UN Number

| | |
|-----------------------------|---|
| UN No Road – ADR/RID/ADN | Not classed as hazardous for transport. |
|-----------------------------|---|

| | |
|-----------------|---|
| UN No Sea- IMDG | Not classed as hazardous for transport. |
|-----------------|---|

| | |
|------------------|---|
| UN No Air – IATA | Not classed as hazardous for transport. |
|------------------|---|

14:2 – UN proper shipping name

| | |
|--------------------|---|
| Road – ADR/RID/ADN | Not classed as hazardous for transport. |
|--------------------|---|

| | |
|-----------|---|
| Sea- IMDG | Not classed as hazardous for transport. |
|-----------|---|

| | |
|------------|---|
| Air - IATA | Not classed as hazardous for transport. |
|------------|---|

14:3 – Transport Hazard class (es)

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|--------------------|---|
| Road – ADR/RID/ADN | Not classed as hazardous for transport. |
|--------------------|---|



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| | |
|--|---|
| Sea- IMDG | Not classed as hazardous for transport. |
| Air- IATA | Not classed as hazardous for transport. |
| 14:4 - Packaging group | |
| Road – ADR/RID/ADN | Not classed as hazardous for transport. |
| Sea- IMDG | Not classed as hazardous for transport. |
| Air - IATA | Not classed as hazardous for transport. |
| 14:5 – Environmental hazard | |
| Environmentally hazardous substance/ marine pollutant. | Not classed as hazardous for transport. |
| 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 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</p> <p>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> |



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| 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

| | |
|----------------------------|------|
| Rev No/Repl, SDS Generated | 3 |
| 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.