

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

<b>1.1. Product Name</b>
Marula Oil
<b>1.2. INCI Name</b>
Sclerocarya birrea Oil
<b>1.3. Raw Material Source</b>
Wild harvesting of Marula Fruit and Seeds
<b>1.4. Extraction Method</b>
Cold Pressed
<b>1.5. Product Use</b>
Food production and or Personal Care Formulations

### 2. HAZARD IDENTIFICATION

<b>Hazard</b>	Not classified as hazardous
<b>Classification</b>	Non-hazardous Substance
<b>Eye Contact</b>	Mild irritation may occur
<b>Skin Contact</b>	No known hazard
<b>Ingestion</b>	Contains traces of tree nuts
<b>Inhalation</b>	No known hazard

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

<b>Ingredients</b>	Vegetable oil triglycerides - 100%
<b>Hazardous Components</b>	None
<b>CAS Number</b>	68956-68-3

### 4. FIRST AID MEASURES

<b>Inhalation</b>	N/A
<b>Ingestion</b>	Contains traces of tree nuts - seek medical attention if allergy occurs
<b>Skin contact</b>	Wash thoroughly with soap and water - get medical attention if irritation persists
<b>Eye contact</b>	Flush thoroughly with copious amounts of water or eye wash solution. Get medical attention if irritation persists

<b>Medical Conditions</b>	Generally aggravated by exposure: N/A
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## 5. FIRE FIGHTING MEASURES

<b>Flash Point</b>	> 250 °C
<b>NFPA Flammability Code</b>	1
<b>Extinguisher Media</b>	Dry powder, carbon dioxide, fog or foam
<b>Special fire fighting procedures</b>	Cool containers exposed to flame with water. Limit the spread of oil
Treat as an oil (edible fat) fire	
<b>Unusual fire and explosion hazards</b>	Combustible, but no particular hazard. Closed containers may build up pressure when exposed to heat. Cool down with water.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Methods of cleaning up</b>	Spillages may cause slipping hazards. Avoid subsoil penetration. Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water
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## 7. HANDLING AND STORAGE

<b>Safe Handling</b>	Keep containers sealed when not in use. Keep away from strong oxidising agents, sources of ignition and open flames
<b>Storage</b>	Store in a cool dry location in a sealed container. Keep away from ignition sources and naked flames

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Eyes</b>	Safety glasses may be worn
<b>Skin / Body</b>	Gloves should be worn
<b>Respiratory</b>	Not needed under normal conditions of use
<b>Other</b>	Evaluate need, based on application. Slip proof shoes may be worn where spills occur
<b>Work Hygiene practice</b>	Normal work and hygiene practices for handling non-hazardous liquid material

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Colour</b>	Clear, Yellow/Pink
<b>Odour</b>	Slight Fruity fragrance
<b>Flash Point</b>	> 250°C

<b>Boiling Point</b>	260°C
<b>Specific Gravity</b>	0.910 - 0.920
<b>Solubility in Water</b>	Insoluble

## 10. STABILITY AND REACTIVITY

<b>NFPA reactivity Code</b>	0
<b>Stability</b>	Stable under normal conditions of use
<b>Incompatibility</b>	Avoid strong oxidizers
<b>Conditions to Avoid</b>	Heat, flames and other ignition sources
<b>Hazardous decompositions / by-products</b>	None
<b>Hazardous polymerization</b>	Will not occur

## 11. TOXICOLOGICAL INFORMATION

<b>Oral</b>	Contains traces of tree nuts - possible allergen
<b>Dermal</b>	Expected to be non-toxic by dermal route
<b>Inhalation</b>	N/A
<b>Medical conditions generally aggravated by exposure</b>	None
<b>Irritancy</b>	Skin: not expected to be an irritant
<b>Eye</b>	Not expected to be an irritant
<b>Carcinogenicity</b>	Material is not listed as a carcinogen and is an accepted skin care ingredient. GRAS

## 12. ECOLOGICAL INFORMATION

<b>Biodegradation</b>	Biodegradable
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## 13. DISPOSAL CONSIDERATIONS

<b>Disposal Method</b>	Avoid disposing to drainage systems. Dispose of according to local regulation
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## 14. TRANSPORT INFORMATION

Not classified as dangerous for TRANSPORTATION	
<b>Dot Classification</b>	Not a DOT controlled material
<b>Class / Division</b>	Not restricted

## 15. REGULATORY INFORMATION

No available

## 16. OTHER INFORMATION

Disclaimer: As the users' condition of work is not known, the information contained in this Material Safety Data Sheet is accurate to the best of our knowledge and is based on the national community regulations. The product must not be employed for uses other than those specified without having previously obtained written handling instructions. Users are responsible for taking all necessary to comply with the requirements of the law and local regulations. The information contained in this sheet should be regarded as the description of the safety requirements relating to our products and not as a guarantee of its properties.