

MATERIAL SAFETY DATA SHEET

KARANJA OIL

Plot No 6, 14/3, Mathura Road, Faridabad, Haryana - **INDIA**

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1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: KARANJA OIL (COLD PRESSED)
Product Use: Personal Care and Agriculture Formulations
Company Name: OZONE BIOTECH
Company Address: Plot No 6, 14/3, Mathura Road, Faridabad (INDIA)
Date Issued: 01/04/2011
Emergency Telephone Number: Tel: +91 129 4196800

2. COMPOSITION/INGREDIENT INFORMATION

Chemical Identity: Karanja (*Pongamia glabra*) seed oil
Synonyms: *Cytisus pinnatus L., Derris indica L., Pongamia pinnata*
Hazardous Components: None
CAS #:
Country of Origin: INDIA

3. HAZARDS IDENTIFICATION

Eye Contact: No hazard
Skin Contact: No hazard
Ingestion: No hazard
Inhalation: No hazard

4. FIRST AID MEASURES

Eyes: Flush with water for at least 15 minutes. Call physician if irritation persists
Skin: Wash with soap and water- get medical attention if irritation occurs.
Ingestion: Rinse mouth and consult a physician immediately. Never-give anything by mouth if victim is unconscious, is rapidly losing consciousness, or is convulsing.
Inhalation: Remove to fresh air. Avoid casual breathing

5. FIRE FIGHTING MEASURES

Flash Point: > 100
Extinguishing Media:

- Carbon Dioxide
- Foam
- Dry Chemical

- Special Firefighting Procedures:**
- Combustible material. Limit the spread of oil.
 - Use air supplied equipment for fighting interior fires.
 - Cool fire exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

- Personal Protection:** N/A
- Environmental Protection:** Notify authorities if large amounts of product enters sewer.
- Absorb onto an inert, absorbent substrate and sweep up.
- Methods for Cleaning Up:**
- Wash area with soap and water. Area may be slippery; take precautions.

7. HANDLING AND STORAGE

- Handling**
- Safe Handling:**
- Wear safety glasses.
 - Keep away from oxidizing agents, excessive heat and sources of ignition.
- Storage**
- Requirements for Storage Areas and Containers:** Store in a cool (below 40°C), dry location, in a sealed container in a well ventilated area.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- Engineering Controls:** None
- Personal Protection**
- Eye:** Safety glasses may be worn.
- Skin/Body:** Lab coats and gloves may be worn.
- Ventilation:** Good ventilation is sufficient.
- Other:** Evaluate need based on application. Slip proof shoe may be worn
- Work/Hygiene Practice:** Normal work and hygiene practices for handling non-hazardous liquid material.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Pale yellow liquid
- Physical State:** Liquid, viscous
- Odor:** Characteristic odd odor
- Specific Gravity (H2O = 1):** 0.925 – 0.940 @ 20°C
- Saponification Value:** 185 – 195
- Unsaponifiables:** 3.0 %
- Vapor Pressure (mm Hg.):** Negligible
- Melting Point:** - 5°C
- Boiling Point:** > 100°C
- Auto Ignition Temperature:** > 200°C
- Solubility in Water:** Soluble in alcohol and oils. Insoluble in water.
- Cloud Point:** 8.3 °C

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	Excessive heat and sources of ignition
Incompatibility (Materials to Avoid):	Avoid strong oxidizers
Hazardous Decompositionor Byproducts:	None (Thermal decomposition products are H2O and CO2)
Hazardous Polymerization:	Will Not Occur

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Exposure:	No information
Toxicity Data:	No information
Irritancy:	Skin: Not expected to be an irritant Eyes: Not expected to be an irritant

Reproductive Toxicity:	N/A
Teratogenicity:	N/A
Mutagenicity:	N/A
Name of toxicologically synergistic products:	N/A

12. ECOLOGICAL INFORMATION

Ecological Information: No ecological hazards are associated with this product.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Do not put into sewer lines.

14. TRANSPORT INFORMATION

DOT Classification: Not regulated

15. REGULATORY INFORMATION

No Information

16. ADDITIONAL INFORMATION

Ozone Biotech

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Date Prepared: April 2011

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