

**SAFETY DATA SHEET**

Version #: 01-1

**1. PRODUCT IDENTIFICATION**

Product Name	<b>Terramera Karanja Oil</b>
Chemical Name	Karanja Oil (Pongamia glabra)
Manufacturer	Terramera, Inc. / Terramera Biosciences (India) Private Limited No. 22A, 7th Street, Sector 3, Ambattur Industrial Estate, Chennai 600 098, India
Email	<a href="mailto:msdsinfo@terramera.com">msdsinfo@terramera.com</a>
Emergency Phone #	+ 91 44 2625 1096

**2. HAZARDS IDENTIFICATION**

Does not meet any classification criteria according to OSHA HazCom 2012.

**3. COMPOSITION / INFORMATION ON INGREDIENTS:**

CAS Number:	NA	Chemical Name	Karanja Oil
Contains no hazardous components as per OSHA HazCom 2012. This product should not pose any health concerns if used in accordance with the label directions.			

**4. FIRST AID MEASURES**

Inhalation	Remove to fresh air. Seek medical advice if irritation persists.
Eye Contact	Wash with plenty of water. Seek medical advice if irritation persists.
Skin Contact	Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation persists.
Ingestion	Do not induce vomiting. Never give anything by mouth to a victim who is unconscious or is having convulsions. Get medical advice/attention if you feel unwell.

**5. FIRE FIGHTING MEASURES**

Flash point	225°C
Extinguishing Media	Water, CO <sub>2</sub> or polymer foam
Special fire fighting Instruction	Ventilate the area. Keep out of smoke. Prevent fire-extinguishing water from contaminating surface water or the ground water system. Firefighters should wear full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

No special measures are necessary.  
Clean up by collecting the product in containers.  
Ventilate the area and clean up the ground with detergent and water if necessary.

**7. HANDLING AND STORAGE PROCEDURES**

Handling	Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
Storage	Store in a cool, dry, dark place below 50°C (122°F). Store in original packaging, securely closed.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Exposure limit	No exposure limit established
Respiratory protection	Adequate ventilation recommended. Respirators are not necessary where adequate ventilation is provided.
Protective clothing	Normal clothing with industrial gloves
General hygiene	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Yellowish red viscous liquid	Odor:	Repulsive
pH:	NA	Pour Point	-3°C
Boiling Point:	316 °C	Flash point	225°C
Flammability	Not flammable	Vapor pressure	No data available
Vapor Density:	No data available	Density:	0.924 g/cm <sup>3</sup>
Solubility:	Insoluble in water	Viscosity	40.2 cSt
Decomposition temperature	No data available	Partition coefficient: n-octanol/water	No data available

**10. STABILITY AND REACTIVITY DATA**

General	Stable and non-reactive under normal conditions of use/storage
Conditions to avoid	Exposure to direct sun light and heat
Hazardous decomposition	None Known
Hazardous polymerization	None Known

**11. TOXICOLOGICAL INFORMATION**

Toxicity	<p>Oral (Rat) -LD50 &gt;4000 mg /kg.</p> <p>Inhalation - None Known</p> <p>Dermal (Rat)-LD50 &gt;2000 mg/kg</p> <p>Eye irritation - Non an irritant</p> <p>Skin irritation - Non irritant</p> <p>Ingestion - None known</p>
Chronic Toxicity:	Chronic effects - None known
Carcinogenicity	No components present at greater than 0.1% are considered to be carcinogen by IARC, ACGIH, NTP, or OSHA.

**12. Ecological Information**

Ecotoxicity	Not classified as environmentally hazardous but avoid contaminating surface water or other water sources.
Degradability	Readily biodegradable in soil and water

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Waste Disposal Method:

Do not put into sewer lines. Dispose in accordance with local, state and federal regulations.

**14. TRANSPORT INFORMATION**

This material is not classified as dangerous goods / hazardous material.

**15. REGULATORY INFORMATION**

OSHA	None
TSCA	None
CERCLA	None
RCRA	None
<b>SARA Title III</b>	
Section 302	None
Section 311/312	None
Section 313	None
CA Prop 65	None
US State Right to Know	None

**16. INFORMATION ORIGIN****Date of issue: 1 April 2025****Version History****v. 01-1** Manufacturer's Address, Emergency Contact Information and Date of issue Updated

**Declaration:** The information in this SDS relates to this specific material: Terramera Karanja Oil. It may not be valid for this material if used in combination with any other material or in any process. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. Terramera, Inc. expressly disclaims all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. It is the user's responsibility to satisfy themselves as to the suitability and completeness of this information for their specific use and application. The data in this SDS does not apply to use with any other product or in any other process. This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of Terramera, Inc.