

# SAFETY DATA SHEET

## I. IDENTIFICATION

Product Name	<b>Terramera Karanja Oil</b>
Chemical Identity	Karanja (Pongamia glabra) Oil
Manufacturer	Terramera Biosciences (India) Private Limited Plot No. 1, Survey 270/1, Galaxy Road Ayyanambakkam, Chennai – 600 095, Tamil Nadu, India
Email	<a href="mailto:msdsinfo@terramera.com">msdsinfo@terramera.com</a>
Emergency	+91 44 2653 5773

## II. HAZARD(S) IDENTIFICATION

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

## III. COMPOSITION /INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	%
Karanja Oil	N/A	100

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.

## IV. 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.

## V. FIRE FIGHTING MEASURES:

Flash point	225 °C
Extinguishing Media	Water, CO2 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.

## VI. 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.

## VII. HANDLING AND STORAGE:

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.

## VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit	No exposure limit established
Respiratory protection	Adequate ventilation is 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.

## IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellowish red viscous liquid
Odor	Repulsive
pH	N/A
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	Not soluble in water
Viscosity	40.2 cSt
Decomposition temperature	No data available
Partition coefficient: n-octanol/water	No data available

## X. STABILITY AND REACTIVITY

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

## XI. TOXICOLOGY INFORMATION

Oral (Rat)	LD50>4000 mg /kg
Inhalation	None known
Eye irritation	Not an irritant
Dermal (Rat)	LD50>2000 mg/kg
Skin irritation	Not an irritant
Ingestion	None known
Chronic effects	None known
Carcinogenicity	No components present at greater than 0.1% are considered to be carcinogen by IARC, ACGIH, NTP, or OSHA.

## XII. ECOLOGICAL INFORMATION

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

## XIII DISPOSAL CONSIDERATIONS

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

## XIV TRANSPORT INFORMATION

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

## XV. REGULATORY INFORMATION

OSHA	:	None
TSCA	:	None
CERCLA	:	None
RCRA	:	None

### SARA Title III

Section 302, 311/312, 313:	None	
CA Prop 65	:	None
US State Right to Know	:	None

## XVI. OTHER INFORMATION

**Date of issue:** 6 June 2016

**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.