



Material Safety Data Sheet – Karanja Pro

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page 1

I. Chemical Product Information -

- a. Product Name :Karanja Pro
- b. Chemical Name: Pure Karanja Oil
- c. Formula :Pure Karanja Oil
- d. CAS Number :Not known

II. Composition / Information on Ingredients -

Relates only to ingredients in pure karanja oil, analyzed by HPLC.

Component	% W	OSHA		TLV's	
		CAS#	PEL	TWA	STEL
<i>Karanja Oil</i>	<i>100</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>

components not precisely identified but assumed to be non-hazardous

III. Hazardous Identification Emergency Overview:

Does not contain hazardous ingredients

b. Effects of over exposure: none known

c. Potential Health Effects:

- i. Routes of entry :inhalation, eyes, skin

- ii. Acute inhalation :LC₅₀ > 2.1 l + 0.06 mg/l

- iii. Chronic inhalation :Chronic exposure not likely

- iv. Acute Eye Irritation :none known

- v. Acute Skin Irritation :none known

- vi. Acute Skin Absorption :LC₅₀ > 2000 mg/kg

- vii. Acute Ingestion : LD₅₀ > 4000 mg/kg

- viii. Chronic Ingestion :Chronic ingestion not likely

ix. Carcinogenicity

- 1 NTP n/a
- 2. IARC n/a
- 3. OSHA n/a

IV. First Aid Measures

- a. Inhalation: Remove to fresh air; seek medical advice if irritation persists.
- b. Eye Contact: Wash with plenty of water, seek medical advice if irritation persists.
- c. Skin Contact: Remove contaminated clothing, wash with soap and water, and seek medical advice if irritation persists.

d. Ingestion: For doses larger than two ounces , drink water and seek medical attention.

e. Emergency Medical Treatment: Nothing recommended as the product is safe and non toxic.

V. Fire fighting Measures -

a. General Hazard

: none known

b. Extinguishing Media

:Dry chemical powder / CO₂ or polymer foam

c. Special Fire Fighting Instructions

:none known



d. Hazardous Combustion Product : none known

VI. Accidental Release Measures -

- a. Land Spill: ventilate area of spill and clean up with detergent and water.
- b. Water Spill: Dyke around spill , absorb or collect in containers for disposal.

VII. Handling and Storage -

- a. Store *in a* cool, dark place, below 50°C {122°F}.
- b. Shelf life: Best used within 18 months from date of manufacture.

VIII. Exposure Controls / Personal Protection -

- a. Ventilation : adequate ventilation recommended.
- b. Respiratory Protection : none necessary.
- c. Protective Clothing : normal clothing with chemical-resistant gloves.

IX. Physical and Chemical Properties -

- a. Physical State liquid
- b. Color yellowish brown
- c. Odor Repulsive
- d. Boiling Point 75°C (347°F)
- e. Freezing Point 14°C (57.2°F)
- f. Flash Point >175°C (>347°F)
- g. pH 6.50 to 7.50
- h. solubility in water not soluble
- i. Specific Gravity 0.915 gram / milliliter
- j. Vapor Pressure 38 @ 20°C
- k. Vapor Density 1.46

X. Stability and Reactivity -

- a. General : Stable
- b. Incompatible Materials: Incompatible with oxidizing agents , reducing metals , alkalis and acids.
- c. Conditions to Avoid: Exposure to direct light and heat.
- d. Hazardous Decomposition : Possible at higher temperatures and may liberate irritating fumes.
- e. Hazardous polymerization: will not occur.

XI. Toxicology Information-

- a. Oral Rat >4000 mg/kg
- b. Inhalation >2.11+ 0.06 mg/l air
- c. Eye irritation non-irritant
- d. Dermal Rat >2000 mg/kg
- e. Skin Irritation non-irritant
- f. Ingestion none known
- g. Chronic Effects : none known



Material Safety Data Sheet – Karanja Pro pg.3

XII. Ecological Information -

- a. Chemical Fate : Product is sensitive to light and may degrade.
- b. Ecotoxicity: not known
- Do not apply directly, pour or dispose into water bodies.

XIII. Disposal Considerations -

- a. Comply *with* local regulations.

XIV. Transport Information -

- a. O.O.T. Name none known
- b. D.O.T. Hazard Class n/a
- c. Technical Shipping Name : Karanja Oil
- d. I.A.T.A. / 1.A.C.O. Does not come under dangerous goods. Product can be transported in passenger and cargo aircraft.
- e. I.M.O. Does not come under dangerous goods. Product can be transported in passenger and cargo aircraft.

XV. Regulatory Information -

- a. OSHA : none known
- b. TSCA none known
- c. CERCLA : none known
- d. RCRA none known

SARA Title III:

Section 302

Extremely Hazardous Substances

n/a

Section 311/312

Hazardous Categories Section

n/a

313

Toxic Chemicals

n/a

XVI. Other Information -

- a. Date of Revision August 04,2015

Declaration:

The information in this MSDS relates to this specific material: Karanja Oil. It may not be valid with any other material or in any process. 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 information contained herein is based on data collected from technical sources and collected by the manufacturer. While the above given information and data is believed to be accurate, **Neem pro Inc.** does not assume any liability whatsoever to the

accuracy of the information and data submitted above. The user is solely responsible for determining the suitability of the material.