

## TECHNICAL DATA SHEET

Effective date: 11.2020  
Rev.1

### Karanja Oil

#### INFORMATION ON SUBSTANCE / MIXTURE

INCI	Pongamia glabra seed oil
Botanical name	Pongamia glabra
Manufacturing process	Cold pressed from the seeds of Pongamia tree. Unrefined.
Description	Rich in flavonoids - karanjin and in particular pongamol, karanja oil offers natural UV protection and is known for its ability to absorb the part of the UV
Part used	Seeds

#### TECHNICAL DATA

##### Physical parameters

Appearance	Liquid, may be turbid
Color	Orange yellow
Odor	Characteristic
Flash point	> 100°C
Acid value	< 20,00 mg/g KOH
Water content	< 1,00 %
Peroxide value	< 20,0 millimol/l
Solubility	Soluble in oil, insoluble in water

##### Biological parameters

Total bacteria	< 100,0 /g
Total yeasts and molds	< 100,0 /g
Gram negative bacteria	Absent /g
Candida albicans	Absent /g
Pseudomonas aeruginosa	Absent /g
Staphylococcus aureus	Absent /g

##### Impurities

Residual solvents	Not expected
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Phthalates	Not expected
Free ethylene oxide	Not expected
Polycyclic aromatic hydrocarbon	Not expected
Glycol ether	Not expected
1,4-Dioxane	Not expected
Nitrosamines	Not expected
Diethylene glycol	Not expected
Formaldehyde or Formaldehyde releaser	Not expected
Dioxin	Not expected
Acrylamides	Not expected
Heavy metals (As, Hg, Ni, Pb, Cd, Sb, Mn)	sum < 20 ppm
Pesticides	Not expected
Other impurities	Not expected

### TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	In original sealed containers and in a dry environment at temperatures between 10-24°C, protected from light
Shelf Life	36 months under good storage conditions

### LEGISLATION

Certification	-
GMO	The raw material is not obtained from Genetically Modified Raw Materials (G.M.O.) and does not contain Genetically Modified Organisms (G.M.O.).
CMR substances	This product is free from substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR) of category 1A, 1B or 2 under Part 3 of Annex VI to Regulation (EC) No 1272/2008.
Animal Testing	The raw material complies with the requirement of the EU Cosmetic Regulation (EC) N°1223/2009 regarding the ban on animal testing and with regards to the marketing in the EU of cosmetic products.

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Nanomaterials	The raw material is not a Nanomaterial as defined by the Cosmetic EU Regulation N°1223/2009, the French Decree N°2012-232 and the European Commission Recommendation N°2011/696.
BSE	The raw material does not contain and is not derived from, Specified Risk Material as defined in Commission Directive 97/534/EC. Based on this, is BSE-free.
Palm oil, Palm kernel oil and derivatives	The raw material does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.
EINECS	-
CAS	247588-54-1

#### DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.