Version: 02.2020
Rev.0

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

Karanja Oil

1. Identification of the substance/mixture and company

Trade name:	Karanja Oil 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
INCI	Pongamia glabra seed oil
CAS No. :	247588-54-1
EINESCS/EC No. :	-
REACH pre-registration No. :	-
Utilization:	Raw material for cosmetic or professional use
Supplier company identification:	Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania Tel/Fax: +40259-436.755, www.elemental.eu
Emergency:	RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București. International emergency number: +49 180 2273-112

2. Hazards Identification

2.1 Classification of the substance or mixture
Classification (REGULATION (EC) No 1272/2008)
Not a hazardous substance or mixture.

2.2 Label elements
Labelling (REGULATION (EC) No 1272/2008)
None

2.3 Other hazards
Hazards not Otherwise Classified.: None
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3. Declaration of ingredients

3.1 Substances
Remarks : No hazardous ingredients

4. First aid measures

4.1 Description of first aid measures
General advice : Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.

In case of skin contact : Take off contaminated clothing and shoes immediately. If on skin, rinse well with water.

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In case of eye contact : Remove contact lenses. Immediately flush eyes for at least 15 minutes. Get medical attention.

If swallowed : Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed
Symptoms : no data available
Risks : no data available

4.3 Indication of any immediate medical attention and special treatment needed
Treatment : no data available

5. Fire fighting measures

5.1 Extinguishing media
Suitable extinguishing media : Dry chemical Alcohol-resistant foam Carbon dioxide (CO2) Water spray
Unsuitable extinguishing media: no data available

5.2 Special hazards arising from the substance or mixture
Specific hazards during firefighting: no data available

5.3 Advice for firefighters
Special protective equipment for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.
Further information : Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Personal precautions : no data available

6.2 Environmental precautions
Environmental precautions : Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up
Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
Not applicable

7. Handling and storage

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7.1 Precautions for safe handling
Advice on safe handling : For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Advice on protection against fire and explosion: Normal measures for preventive fire protection.
Temperature class : no data available
Fire-fighting class : no data available
Dust explosion class : no data available

7.2 Conditions for safe storage, including any incompatibilities
Requirements for storage areas and containers: Electrical installations / working materials must comply with the technological safety standards.
Further information on storage conditions: Ambient / 10-30°C (50-85°F) Dry, well ventilated, preferably full, hermetically sealed.
Advice on common storage : Protect against light.
German storage class : no data available
Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)
Specific use(s) : no data available

8. Exposure controls / personal protection

8.1 Control parameters
Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Personal protective equipment
Respiratory protection : Use only in well-ventilated areas.

Hand protection : Use gloves when handling substance in open systems. Inspect gloves prior to use. Train operators for proper use. If only incidental exposure is expected: (work without direct contact to substance) use gloves tested according EN 16523- 1 breakthrough times at least 10 minutes, tested for chemicals indicated in chapter 3 of this SDS. Change gloves frequently.

If direct skin contact is expected: use gloves tested according to EN 16523-1, tested for chemicals indicated in chapter 3 of this SDS. Permeation time must exceed contact time.

Eye protection : Use tightly fitting safety glasses according to EN 166

Skin and body protection : Wear working clothes covering arms and legs.

Hygiene measures : Do not eat, drink or smoke during work. Wash and dry hands after finished working.

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Protective measures : Exposure assessment: Exposure is dependent on the product being handled, the potential for chemical release, and any resulting airborne concentrations or dermal contact. Since product handling and release scenarios vary, and no two workplaces are exactly alike, it is recommended that the potential for exposure be assessed prior to the product's use or introduction. Exposure assessments should be performed by an occupational hygienist, industrial hygienist, or other qualified occupational or environmental health professional. An exposure assessment should be conducted to determine the efficacy of any ventilation and the need for additional respiratory protection. PPE is always the last resort to avoid exposure. In any case technical and organisational measures have to be explored and used prior to the selection of PPE. The PPE selection is for operators trained to work with chemicals according to good industrial hygiene and safety practice. Operators have to be trained and used to PPE handling.

Environmental exposure controls
General advice : Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties
Physical state : liquid
Form : liquid
Colour : Orange red
Taste : not determined
Odour : not determined
Odour Threshold : no data available
Flash point : > 100 °C Method: closed cup
Lower explosion limit : not determined
Upper explosion limit : not determined
Flammability (solid, gas) : no data available
Oxidizing properties : no data available
Auto-ignition temperature : no data available
Decomposition temperature : no data available
pH : no data available
Melting point : not determined
Boiling point : not determined
Vapour pressure : no data available
Density : 899,97 kg/m3 at 20 °C
Bulk density : Not applicable
Water solubility : no data available
Solubility/qualitative : no data available
Partition coefficient: n
octanol/water: no data available
Viscosity, kinematic : no data available
Relative vapour density : no data available

Evaporation rate : no data available
Explosive properties : no data available

9.2 Other information
Not applicable

10. Stability and reactivity

10.1 Reactivity
none

10.2 Chemical stability
The product is chemically stable.

10.3 Possibility of hazardous reactions
Hazardous reactions : Stable under recommended storage conditions., No hazards to be specially mentioned.

10.6 Hazardous decomposition products
Hazardous decomposition products: no data available
Thermal decomposition : no data available

10.4 Conditions to avoid
Conditions to avoid : no data available

10.5 Incompatible materials
Materials to avoid : no data available

11. Toxicological information

11.1 Information on toxicological effects
Acute toxicity
Acute oral toxicity : This information is not available.
Acute inhalation toxicity : This information is not available.
Acute dermal toxicity : This information is not available.
Acute toxicity (other routes of administration): No data is available on the product itself.

Skin corrosion/irritation
Skin irritation: No data is available on the product itself.

Serious eye damage/eye irritation
Eye irritation : No data is available on the product itself.

Respiratory or skin sensitisation
Sensitisation : No data is available on the product itself.

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Germ cell mutagenicity
Germ cell mutagenicity : No data is available on the product itself.

Target Organ Systemic Toxicant - Single exposure Target Organ Systemic Toxicant - Single exposure: No data is available on the product itself.

Target Organ Systemic Toxicant - Repeated exposure
Target Organ Systemic Toxicant – Repeated exposure: No data is available on the product itself.

Aspiration hazard
Aspiration toxicity : No data is available on the product itself.

Carcinogenicity
Carcinogenicity : No data is available on the product itself.

Reproductive toxicity
Reproductive toxicity : No data is available on the product itself.

Phototoxicity
Phototoxicity : No data is available on the product itself.

Further information : no data available

12. Ecological information

12.1 Toxicity
Toxicity to fish : no data available
Toxicity to daphnia and other aquatic invertebrates: no data available
Toxicity to algae : no data available
Toxicity to bacteria : no data available
Toxicity to fish (Chronic toxicity): no data available
Toxicity to daphnia and otheraquatic invertebrates (Chronic toxicity): no data available
Acute aquatic toxicity : no data available
Chronic aquatic toxicity : no data available
Toxicity Data on Soil : no data available
Other organisms relevant to the environment: no data available

12.2 Persistence and degradability
Distribution among environmental compartments: no data available
Additional advice
Environmental fate and pathways: no data available
Physico-chemical removability: no data available

12.5 Results of PBT and vPvB assessment
Biodegradability : no data available

12.3 Bioaccumulative potential
Bioaccumulation : no data available

12.4 Mobility in soil
Mobility : no data available
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects
Biochemical Oxygen
Demand (BOD): no data available
Dissolved organic carbon(DOC): no data available
Chemical Oxygen Demand (COD): no data available
Adsorbed organic bound halogens (AOX): no data available
Additional ecological information: no data available

13. Disposal considerations

13.1 Waste treatment methods
Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.
Dispose of in accordance with local regulations.

14. Transport information

14.1 UN number
N/A

14.2 UN proper shipping name
Not regulated as a dangerous good

14.3 Transport hazard class(es)
N/A

14.4 Packing group
N/A

14.5 Environmental hazards
N/A
14.6 Special precautions for user

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IMDG IMDG Code Segregation Group: None

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable for product as supplied.

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Major Accident Hazard Legislation: Not applicable
Water contaminating class (Germany): WGK 3 highly water endangering
15.2 Chemical safety assessment
A Chemical Safety Assessment is not required for this substance.

16. Additional information

16.1 Abbreviations
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
CLP: Classification, Labeling, Packaging.
DNEL: Derived No Effect Level.
EINECS: European Inventory of Existing Commercial Chemical Substances.
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG: International Maritime Code for Dangerous Goods.
INCI: International Nomenclature of Cosmetic Ingredients.
LTE: Long-term exposure.
PNEC: Predicted No Effect Concentration.
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE: Short-term exposure.
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.

Disclaimer:
This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.