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SAFETY DATA SHEET

(according to Regulation (EU) No. 1907/2006)

PRODUCT: MANKETTI OIL

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 **Product identifier :** MANKETTI OIL

Scientific name: Schinziophyton rautanenii

INCI Name: Schinziophyton rautanenii kernel oil

CAS: 90063-86-8

EC Number:

Index No / Inventory Num.: --

REACH Registration number:

1.2 **Usage:** This product is only intended for using as an ingredient in the manufacturing of mixtures.

1.3 **Details of the supplier of the safety data sheet:**

Highland Essential Oils

Vlakkult farm

Clocolan

9735

South Africa

Tel Mobile: Flip +27 (0) 83 303 8253 or Riana +27(0) 82 789 3035

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1.4 **Emergency telephone number:** +27 (0) 83 303 8253

SECTION 2: Hazards identification

2.1 **Hazardous components - None**

SECTION 3: Composition/information on ingredients

Vegetable oil obtained by cold pressing of the nuts of Schinziophyton rautanenii

SECTION 4: First aid measures

4.1 **Description of first aid measures**

Consumption: N/A

Eye contact: First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.

Inhalation: N/A

Skin contact: N/A

4.2 **Most important symptoms and effects, both acute and delayed:** None

SECTION 5: Firefighting measures

5.1 **Flash Point:** 220°C

5.2 **Extinguishing media:** Recommended: Foam or dry powder. For safety reasons do not use full water jet.

5.3 **Special hazards arising from the substance or mixture:**

Not applicable.

5.3 **Advice for firefighters:**

Closed containers may build up pressure at elevated temperatures. Avoid inhalation of fumes or vapours. Use appropriate respiratory protection. Prevent run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 **Personal precautions, protective equipment and emergency procedures:**

Do NOT smoke and do NOT expose the product to an open flame or to any other potential source of ignition. Wear appropriate gloves to prevent skin exposure. Avoid contact with skin and inhalation of its vapours or smoke. Maintain adequate ventilation in the working area after spilling.

6.2 **Environmental precautions:**

Avoid contaminating the environment via the sewers or water sources.

6.3 **Methods and material for containment and cleaning up:**

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.

SECTION 7: Handling and storage

7.1 **Precautions for safe handling:**

Keep away from food, drink and animal feeding stuffs. Do not smoke. Avoid contact with skin and eyes.

Handle in accordance with good industrial hygiene and safety practice.

7.2 **Conditions for safe storage, including any incompatibilities:**

Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.

7.3 **Packaging**

Glass, lacquer lined steel drums, Aluminium, HDPE,

7.4 **Shelf life**

When stored within advised conditions, retest after 12 months and then at 3 months intervals up to a maximum life of 36 months

SECTION 8: Exposure controls/personal protection

8.1 **Control parameters** Occupational Exposure Limits:

8.2 **Exposure controls**

Personal protection equipment: Use personal protection equipment according to Directive

89/686/EEC. Eye/Face protection: N/A

Respiratory Protection: N/A

Skin Protection: N/A

SECTION 9: Physical and chemical properties

9.1 **Information on basic physical and chemical properties**

Appearance: LIQUID

Colour: Clear pale yellow to orange

Odour: Characteristic nutty

Flash Point: 220°C

Peroxide value	<10
Iodine value	105-145
Saponification value	190-205
Solubility in water	insoluble

SECTION 10: Stability and reactivity

10.1 Stability	Stable under normal conditions of use
10.2 Incompatibility	Avoid strong oxidizers acids alkali.
10.3 Possibility of hazardous reactions:	
Hazardous Polymerization:	will not occur
10.4 Conditions to avoid:	None
No special precautions other than good housekeeping of chemicals.	
10.5 Incompatible materials:	None known.
10.6 Hazardous decomposition products:	None(thermal decomposition products are water and CO ²).

SECTION 11: Toxicological information

11.1 Acute oral	LD50 in rats 21/25g/kg
11.2 Dermal	non-toxic
11.3 Eye	None
11.4 Inhalation	N/A
11.5 Irritancy	N/A
11.6 Carcinogenicity	not listed as a carcinogen and is accepted skin care ingredient -GRAS

SECTION 12: Ecological information

12.1 Biodegration	No information
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal conditions: Dispose of in accordance with all state and local environmental regulations.

This material and its container must be disposed of in a safe way.

Container disposal: Can be reused.

SECTION 14: Transport information

14.1 Customs tariff code	1515 90 99
14.2 Road(ADR/RID)	N/A
14.3 Air (IATA)	N/A
14.4 Sea(IMDG)	N/A

SECTION 15: Regulatory information

15.1 Hazards:	N/A
15.2 Symbols	N/A
15.3 Risk phrases	N/A.
15.4 Safety phrases	N/A.

SECTION 16: Other information

This material is provided for documentation purposes only

Key literature references and sources for data::

- 1.Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances.
- 2.Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.
- 3.Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
- 4.Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
- 5.Occupational Exposure Limits by the INSHT (Spanish National Institute of Safety and Hygiene at work)

