

**SAFETY DATA SHEET (SDS)**

Version 2.0

Revision Date : August 31,2018

Print Date : October 4, 2018

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product name	:	Turmeric Essential Oil
Botanical name	:	Curcuma longa L.
INCI name	:	Curcuma Longa Root Oil
CAS #	:	84775-52-0
Country of Origin	:	India
Product use	:	Domestic and Industrial
Supplier	:	Africa Imports
Address	:	240 South Main Street, Unit A, South Hackensack, NJ 07606
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

**2. HAZARDS IDENTIFICATION****Emergency Overview****GHS Classification**

Skin Sensitization - Category 1

**GHS Label elements, including precautionary statements**

Signal: Warning

**Hazard statement(s)**

H317 May cause an allergic skin reaction.

**Precautionary statement(s)**

P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P321	Specific treatment (see section 4 on this label).
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/container according to local regulations.

**3. COMPOSITION / INFORMATION INGREDIENTS**

Product Name	CAS NO	EC NO	Concentration
Bisabolene	495-62-5	207-805-8	1 - 3 %
Terpinolene	586-62-9	09-578-0	0.1 - 0.3 %

**4. FIRST AID MEASURES**

**Eye contact**

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

**Skin contact**

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

**Inhalation**

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

**Ingestion**

Seek medical attention or contact local poison control center.

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**5. FIRE FIGHTING MEASURES****Suitable extinguishing media**

Foam. Dry Powder. Carbon dioxide.

**Special protective equipment and precautions for fire-fighters**

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

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**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures.**

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

**Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

**Methods and materials for containment and cleaning up**

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

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**7. HANDLING AND STORAGE****Precautions for safe handling**

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

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

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

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**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION****Exposure controls**

Odor is inadequate to warn of overexposure.

**Eyes**

Wear safety glasses.

**Skin**

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

**Respiratory**

In case of insufficient ventilation, wear suitable respiratory equipment.

**Ingestion**

Not for ingestion.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	Pale yellow to orange yellow liquid.
Odor	:	Characteristic warm, spicy turmeric odor.
Melting Point/Freezing Point	:	Not available.
Flash point	:	66 °C
Relative density	:	0.920 - 0.960 @ 20°C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.500 - 1.520 @ 20°C
Optical rotation	:	-20° to +30°

## 10. STABILITY AND REACTIVITY

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### Reactivity

This material presents no significant reactivity hazard.

### Chemical stability

Chemically stable.

### Possibility of hazardous reactions

Hazardous Polymerization will not occur.

### Conditions to avoid

Strong oxidizing agents.

### Incompatible materials

None known.

### Hazardous decomposition products

When heated to decomposition produces toxic fumes and carbon monoxide smoke.

## 11. TOXICOLOGICAL INFORMATION

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### Acute toxicity

Terpinolene: (LD50 oral) - 3775 mg/kg

### Carcinogenicity

None of the components of this material are listed as a carcinogen.

### Chronic toxicity

May cause allergic reactions on skin

### Reproductive toxicity

No adverse effects on reproduction are known.

### Inhalation

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

### Skin contact

Adverse skin effects should be prevented by normal care and personal hygiene

### Eye contact

Adverse skin effects should be prevented by normal care and personal hygiene

### Ingestion

Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting.

## Repeated exposure

Repeated or prolonged contact can cause redness, irritation and scaling of skin (Dermatitis).

## 12. ECOLOGICAL INFORMATION

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### Ecotoxicity

Very toxic to aquatic organism, may cause long-term adverse effects in the aquatic environment Avoid any pollution of ground, surface or underground water.

## 13. DISPOSAL CONSIDERATION

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Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

## 14. TRANSPORT INFORMATION

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### US DOT Shipping Description (Land)

Not regulated.

### IMO-IMDG Shipping Description (Sea)

Not regulated.

### IATA Shipping Description (Air)

Not regulated.

### Emergency action in case of accident

Notify police and fire department immediately

## 15. REGULATORY INFORMATION

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### GHS Hazard Statements

Refer to Section 2.

### GHS Precautionary Statements

Refer to Section 2.

## 16. OTHER INFORMATION

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### Disclaimer & Caution

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