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## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Turmeric Essential Oil

Botanical name : Curcuma longa L.

Synonyms : Curcuma domestica Valetton, Curcuma aromatica Salisbury

INCI name : Curcuma longa (Turmeric) Root Extract

CAS # : 8024-37-1

Product use : Domestic and Industrial

Supplier : Essential Depot, Inc.

Address : 4605 Oak Circle, Sebring, FL 33870

Telephone number :

Fax : 866-840-2495

Emergency phone number : 863-658-4398 Monday-Friday 9am-6pm

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## 2. HAZARDS IDENTIFICATION

### Emergency Overview

### WHMIS Classification

Not available

### GHS Classification

Not available

### GHS Label elements, including precautionary statements

Signal : Warning

### Hazard statement(s)

H302 Harmful if swallowed

H303 May be harmful if swallowed

H316 Causes mild skin irritation

H17 May cause allergic skin reaction

H320 Causes eye irritation

Precautionary statement(s)

### HMIS Classification & Potential Health Effects

NFPA Ratings : Health : 0, Flammability : 1, Reactivity : 0, Specific hazard : 2

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### 3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Not available			

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### 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

Water spray. Foam. Dry Powder. Carbon dioxide.

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

The product is not flammable. 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

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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**

When using, do not eat, drink or smoke.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	:	Pale yellow to orange yellow liquid.
Odor	:	Characteristic warm, spicy turmeric odor.
Melting Point/Freezing Point:		Not available.
Initial b.p and boiling range :		109 - 113°C
Flash point	:	78 °C
Relative density	:	0.900 – 0.940@ 25°C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.480-1.510
Optional rotation	:	-20° to +30°

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**10. STABILITY AND REACTIVITY****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.

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## **11. TOXICOLOGICAL INFORMATION**

### **Acute toxicity**

Not available.

### **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).

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## **12. ECOLOGICAL INFORMATION**

### **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.

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## **13. DISPOSAL CONSIDERATION**

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

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## **14. TRANSPORT INFORMATION**

### **US DOT Shipping Description (Land)**

Not regulated

### **IMO-IMDG code**

Not regulated

## **IATA Shipping Description (Air)**

Not regulated

### **Emergency action in case of accident**

Notify police and fire department immediately

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## **15. REGULATORY INFORMATION**

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## **16. OTHER INFORMATION**

Revision date : July 20, 2016

### **Disclaimer & Caution:**

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