

## SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : September 16, 2015

Print Date : April 27, 2017

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Citronella Essential Oil (Ceylon)
Botanical name	:	Cymbopogon nardus
Synonyms	:	Citronella Oil
INCI name	:	Cymbopogon nardus (Citronella) Oil
CAS #	:	8000-21-1
Country of Origin	:	Sri Lanka
Product use	:	Domestic and Industrial
Supplier	:	Canwax
Address	:	114 Lindgren Rd. W Unit 1B Huntsville, ON P1H 1Y2
Fax	:	
Telephone number	:	705-789-1002
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

WHMIS Classification N/A

#### GHS Label elements, including precautionary statements



Signal :

Warning

#### HMIS Classification & Potential Health Effects

##### HMIS Ratings

Health : 0, Flammability : 3, Physical Hazard : 0

##### Inhalation

May be harmful if inhaled. Causes respiratory tract irritation

**Skin**

May be harmful if absorbed through skin. Causes skin irritation.

**Eyes**

Causes eye irritation

**Ingestion**

May be fatal if swallowed.

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**3. COMPOSITION / INFORMATION INGREDIENTS**

Product Name	CAS NO	EC NO	Concentration
Geraniol			55%
Citronellol			8.6%

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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**

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.

**Special hazards arising from the substance or its combustible products**

Hazardous decomposition products may be formed at extreme heat or if burned.

**Resulting gases** Carbon oxides.

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**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures.**

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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**

For room temperature handling only.

**Eyes**

Use tightly sealed goggles.

**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**

This may be fatal if ingested and aspired.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	:	Pale yellow to yellowish brown liquid.
Odor	:	Characteristic citrusyl odor of citronella.
Flash point	:	81 °C
Relative density	:	0.893 – 0.910 @ 25°C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.479 – 1.485 @ 20°C
Optical rotation	:	-9.0 - +18.0 @ 25°C

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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

Avoid sparks, flame and other heat sources.

**Incompatible materials** Strong oxidizing agents.

**Hazardous decomposition products** Carbon Oxides.

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## 11. TOXICOLOGICAL INFORMATION

### 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

Possible irritation should be prevented by wearing safety glasses.

### Ingestion

May be fatal if ingested and aspired.

### Repeated exposure

Repeated or prolonged contact may cause difficulty in breathing.

### Aspiration hazard

May be fatal if ingested and aspired.

## 12. ECOLOGICAL INFORMATION

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**Ecotoxicity**

Toxic to aquatic organisms, may cause long-term adverse effects 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 local municipal authority to ensure compliance.

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**14. TRANSPORT INFORMATION****US DOT Shipping Description (Land)**

Not regulated.

**IMO-IMDG Shipping Description (Sea)**

Not dangerous goods

**IATA Shipping Description (Air)** Not dangerous goods.

**Emergency action in case of accident**

Notify police and fire department immediately

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**15. REGULATORY INFORMATION****WHMIS Classification**

N/A

**HMIS (USA)**

Health Hazard – 0; Fire Hazard –3; Reactivity – 0.

**SARA 302** None.

**SARA 313** None.

**California Proposition 65**

This product does not contain chemicals listed per the Safe Drinking Water and Enforcement Act of 1986.

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**16. OTHER INFORMATION**

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