

**1. PRODUCT NAME AND COMPANY IDENTIFICATION****Product Name:** EUCALYPTUS OIL**Product Use:** Wetting Agent**Manufacturer:** Rupert, Gibbon and Spider, Inc.  
1147 Healdsburg Ave.  
Healdsburg, CA 95448  
800-442-0455**Date Issued:** 5/06/2015**Emergency Telephone Number:** CHEMTREC (24HR Emergency Telephone),  
call: 1-800-424-9300  
International CHEMTREC, call: 1-703-527-3887  
For non-emergency assistance, call: 800-442-0455**2. HAZARDS IDENTIFICATION****Hazard Classification:** Flammable liquid**Signal Word:** WARNING**Precautionary Statements** Keep out of reach of children  
If swallowed, do not induce vomiting; seek medical advice immediately.  
Keep in original container and away from heat, open flames, combustible materials and hot surfaces. No smoking.**Potential Acute Health Effects:**

Very hazardous in case of prolonged skin contact (irritant), of eye contact (irritant), of inhalation. Hazardous in case of skin contact (permeator), of ingestion. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

**Potential Chronic Health Effects:**

Very hazardous in case of prolonged skin contact (irritant), of eye contact (irritant), of inhalation. Hazardous in case of skin contact (permeator), of ingestion.

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

The substance is toxic to lungs. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged inhalation of vapors may lead to chronic respiratory irritation

**3. COMPOSITION/INGREDIENT INFORMATION****Ingredients:**

Steam Distilled Eucalyptus

Citriodora Oil 100%

**Hazardous Components:** Essential oil and derivatives**CAS #:** 8000-48-4

Toxicological Data on Ingredients: Eucalyptus oil: ORAL (LD50): Acute: 2480 mg/kg [Rat].

#### 4. FIRST AID MEASURES

**Eyes:** Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.

**Skin:** Remove contaminated clothing. Wash with soap and flush with plenty of water. Seek medical attention if irritation persists.

**Ingestion:** Administer water or milk to dilute. Seek medical attention immediately or call a poison control center.

**Inhalation:** Avoid gross inhalation of fumes. Remove to fresh air and seek medical attention if needed.

#### 5. FIRE FIGHTING MEASURES

**Flammability of the Product:** Flammable.

**Auto-Ignition Temperature:** Not available.

**Flash Points: CLOSED CUP:** 44°C (111.2°F).

**Flammable Limits:** Not available.

**Products of Combustion:** Not available.

**Fire Hazards in Presence of Various Substances:** Not available.

**Explosion Hazards in Presence of Various Substances:**

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

**Fire Fighting Media and Instructions:**

Flammable liquid, insoluble in water. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

**Special Remarks on Fire Hazards:** Not available.

**Special Remarks on Explosion Hazards:** Not available.

**6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)**

**Personal Protection:** Avoid ingestion  
 Follow good industrial practice as to housekeeping, personal hygiene and avoidance of prolonged or repeated contact with the skin or eyes.  
 Wear eye protection, chemical resistant gloves and aprons.  
 Ventilate area well.  
 NIOSH approved respiratory device may be used.

**Methods for Cleaning Up:** Eliminate all sources of ignition  
 Ventilate area  
 Prevent liquid from entering sewers  
 Small spills can be wiped up with paper rags (place in closed metal waste container)  
 Large spills can be absorbed onto non-flammable absorbent.  
 Wash area with soap and water.

**7. HANDLING AND STORAGE**

**Handling** Avoid ingestion  
 Follow good industrial practice as to housekeeping, personal hygiene and avoidance of prolonged or repeated contact with the skin or eyes.

**Safe Handling:** Wear eye protection, chemical resistant gloves and aprons.  
 Ventilate area well.  
 NIOSH approved respiratory device may be used.

**Storage Requirements for Storage Areas and Containers:** Store in an area that is cool, dry, and well-ventilated. Store away from light.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION**

**Threshold Limit Value:** Not established  
**OSHA Permissible Limit:** Not established

**Engineering Controls:** Eye wash station and safety showers are recommended near the work area.  
 Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:

**Work Practice Controls:** (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.  
 (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.  
 (3) Wash exposed skin promptly to remove accidental splashes or contact with this material.

**Respiratory:** Avoid casual breathing of vapors. NIOSH approved respiratory device may be used.

**Ventilation:** Local, mechanical exhaust in recommended

**Eye:** OSHA approved safety glasses

**Skin:** Wear chemical resistant gloves and clothing to avoid skin contact

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance/Physical State:</b>	Liquid, Oil
<b>Upper/lower flammability:</b>	Not available
<b>Color:</b>	Clear colorless to pale yellow
<b>Odor:</b>	Characteristic of eucalyptus, lemon
<b>Vapor Pressure (mm Hg.):</b>	Not available
<b>Odor threshold:</b>	Not available
<b>pH (1% soln/water):</b>	Not applicable
<b>Relative density:</b>	Not available
<b>Flash Point:</b>	< 44 °C Tag Closed Cup
<b>Boiling Point:</b>	Not available
<b>Melting Point:</b>	Not available
<b>Evaporation rate:</b>	Not available
<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	0.86–0.87
<b>Refractive Index @ 20 °C:</b>	1.4480 to 1.4600
<b>Flammability:</b>	Not available
<b>Partition coefficient n-octanol/water:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Solubility in Water:</b>	Insoluble

#### 10. STABILITY AND REACTIVITY

<b>Stability:</b>	This material is stable under normal conditions
<b>Reactivity:</b>	Material does not react with water, Does not undergo explosive decomposition. Will not undergo hazardous exothermic polymerization.
<b>Incompatibility (Materials to Avoid):</b>	Avoid contact with strong oxidizing agents and avoid hot work and sources of ignition on or near empty containers.
<b>Conditions to Avoid: Hazardous Decomposition or</b>	Avoid contact with sparks, flame and heat.
<b>Byproducts:</b>	None
<b>Hazardous Polymerization:</b>	Will Not Occur

#### 11. TOXICOLOGICAL INFORMATION

<b>CAUTION: Liquid may be irritating to eyes and skin.</b>	
<b>ACGIH TLV:</b>	None established
<b>OSHA PEL:</b>	None established
<b>Carcinogenicity:</b>	NTP Monograph: None established
	IARC Monograph: None established
	Oral LD50: None established
<b>Acute Toxicity Data:</b>	Dermal LD50: None established
<b>Health Hazards (Acute &amp; Chronic):</b>	Inhalation LC50: None established
	Ingestion of large quantities: None established
	Inhalation: None established
	Skin Contact: Liquid may be irritating
	Eye Contact: Liquid may be irritating

Note: The above effects are based on evaluation of individual components, the relevancy to the mixture

as a whole or to humans is unknown. Handling of this fragrance that results in inhalation of fumes, may cause severe adverse health effects.

## 12. ECOLOGICAL INFORMATION

No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods:** Dispose of according to local, state and federal regulations.

## 14. TRANSPORT INFORMATION

**UN Number:**

**DOT Classification**

CLASS 3: Combustible liquid with a flash point greater than 37.8C (100F).

**Identification:** Flammable liquids n.o.s. : UN1993 PG: Not available.

**Special Provisions for Transport:** Not available.

**HMIS:** Health: 1 Flammability: 2 Reactivity: 0 Personal Protection: B

## 15. REGULATORY INFORMATION

**R-Phase:** 38-43-51 /53

**S-Phase:** 24-37-61

Federal and State Regulations:

TSCA 8(b) inventory: Eucalyptus oil

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

**WHMIS (Canada):**

CLASS B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):

R10- Flammable. R38- Irritating to skin. R41- Risk of serious damage to eyes.

**HMIS (U.S.A.):**

Health Hazard: 2

Fire Hazard: 2

Reactivity: 0

Personal Protection: h

**National Fire Protection Association (U.S.A.):**

Health: 2

Flammability: 2

Reactivity: 0

Specific hazard:

**Protective Equipment:**

Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

**16. ADDITIONAL INFORMATION**

Date: 5/06/2016

This information is provided for documentation purposes only.

This product is not considered hazardous under normal conditions of use.

The information contained in this SDS is based on data from sources considered to be reliable but Rupert, Gibbon & Spider, Inc. does not guarantee the accuracy or completeness thereof. Rupert, Gibbon & Spider, Inc. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire and understand the data in this SDS.