

# 合同会社フェニックス

## FvniX LLC.

### MATERIAL SAFETY DATA SHEET

#### 1 – PRODUCT IDENTIFICATION

Product Name: Eucalyptol

CAS: 470-82-6

Supplier: 合同会社フェニックス FvniX LLC.

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#### 2– HAZARDS IDENTIFICATION

##### 2.1 GHS Classification

Flammable liquids(Category 3), H226

Skin sensitization(Category 1), H317

##### 2.2 GHS Label elements, including precautionary statements

Pictogram	
Signal word	Warning
Hazard statement	H226 flammable liquid and vapour H317 May cause an allergic skin reaction
Prevention	P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof. P242 Use non-sparking tools. P243 Take action to prevent static discharges. P261 Avoid breathing dust/fume/gas/mist/vapors/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Response	P302+P352 IF ON SKIN: wash with plenty of water/... P303+P361+P353 IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water [or shower]. P321 Specific treatment (see on this label). P333+P317 If skin irritation or rash occurs: Get medical help. P362+P364 Take off contaminated clothing and wash it before reuse. P370+P378 In case of fire: Use fire-fighting to extinguish.

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Storage	P403+P235 Store in a well-ventilated place. Keep cool.
Disposal	P501 Dispose of contents/container to an approved waste disposal plant.

### 2.3 Hazards not otherwise classified(HNOC) or not covered by GHS

No data available

### 3 – COMPOSITION

Component	CAS	Weight(%)
Eucalyptol	470-82-6	≥98%
Limonene	138-86-3	≤2%

### 4– FIRST AID MEASURES

GENERAL ADVICE: Move out of dangerous area. Show this safety data sheet to the doctor in attendance.

Do not leave the victim unattended.

IF INHALED: If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician

IN CASE OF SKIN CONTACT: If on skin, rinse well with water. If on clothes, remove clothes.

IN CASE OF EYE CONTACT: Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

### 5– FIREFIGHTING MEASURES

SUITABLE EXINGUISHING MEDIA: Dry chemical, Alcohol-resistant foam, Carbon dioxide (CO<sub>2</sub>), Water spray

UNSUITABLE EXINGUISHING MEDIA: High volume water jet

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE: Do not allow run-off from fire fighting to enter drains or water courses.

ADVICE FOR FIREFIGHTERS: Special protective equipment for firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments.

Use a water spray to cool fully closed containers.

### 6 – ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Remove all sources of ignition.

Evacuate personnel to safe areas.

Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

#### 6.2 Environmental precautions

Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

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If the product contaminates rivers and lakes or drains inform respective authorities.

### METHODS AND MATERIALS FOR CLEANING UP

#### 7 – HANDLING AND STORAGE

ADVICE ON SAFE HANDLING: Avoid formation of aerosol.

Smoking, eating and drinking should be prohibited in the application area.

Take precautionary measures against static discharges.

Provide sufficient air exchange and/or exhaust in work rooms.

Open drum carefully as content may be under pressure.

Dispose of rinse water in accordance with local and national regulations.

ADVICE ON PROTECTION AGAINST FIRE AND EXPLOSION: Do not spray on a naked flame or any incandescent material.

Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).

Keep away from open flames, hot surfaces and sources of ignition.

REQUIREMENTS FOR STORAGE AREAS AND CONTAINERS: No smoking.

Keep container tightly closed in a dry and well-ventilated place.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

SAFE STORAGE: No decomposition if stored and applied as directed.

#### 8 -PERSONAL PROTECTION

##### EXPOSURE CONTROLS

Hand protection : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water

Tightly fitting safety goggles

Skin and body protection : impervious clothing

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : Wash hands before breaks and at the end of workday

##### ENVIRONMENTAL CONTROLS

Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform respective authorities.

#### 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: A clear, colorless liquid

ODOR DESCRIPTION: Camphor-like and strong cool odour

BOILING POINT: Not applicable

SPECIFIC GRAVITY @ 20°C: 0.921 - 0.924

REFRACTIVE INDEX @ 20°C: 1.4540-1.4600

FLASH POINT: 50°C

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### 10 - STABILITY AND REACTIVITY

Reactivity: no data available.

Stability: Stable under recommended storage conditions.

Incompatibility with various substances: no data available.

Corrosively: No information available.

Conditions to avoid: no data available.

Special Remarks on Corrosively: Not available.

Polymerization: Will not occur.

### 11 – TOXICOLOGICAL INFORMATION

Acute toxicity: LD50: No data available

LC50: No data available

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short-term degradation products are not likely. However, long-term degradation products may arise.

Skin Contact: Causes skin irritation.

Eye Contact: Causes serious eye irritation. Moderately irritating to the eyes.

Inhalation: Irritating to respiratory system.

Ingestion: May affect behavior/central nervous system (somnolence, ataxia).

Aspiration hazard: No information available.

### 12 - ECOLOGICAL INFORMATION

No data available

### 13 - DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### 14 – TRANSPORTATION INFORMATION

UN-No: 1993

Proper Shipping Name: Flammable liquid, N.O.S (EUCALYPTOL)

Hazard Class: 3

Subsidiary Class: No information available

Packing group: III

Marine Pollutant: No data available

DOT RQ (lbs): No data available

### 15 – REGULATORY INFORMATION

Whether the product is listed in "China Inventory of Existing Chemical Substances" (2013 Edition): Not included.

### 16 - OTHER INFORMATION

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