

Section 1: Identification

Product Name Rosemary Oil FCC
Commercial Name Not available.
Product Use Manufacture of substances
Restrictions On Use Not available

Product Code 30-1266

Company PCCA
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Section 2: Hazard(s) Identification

OSHA Haz Com: OSHA Hazards Combustible Liquid, Irritant Other hazards which do not result in classification Rubefacient.
CFR 1910.1200 GHS Classification Flammable liquids (Category 3) Skin irritation (Category 2) Eye irritation (Category 2A) Specific target organ toxicity - single exposure (Category 3), Respiratory system HMIS Classification Health hazard 1 Flammability 2 Physical hazards 1 NFPA Rating Health hazard 1 Fire 2 Reactivity Hazard 0

Signal Word WARNING

Hazard Statement(s) Flammable liquid and vapour. May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

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 electrical/ ventilating/ lighting/ equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response

P303 P361 P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P304 P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305 P351 P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a POISON CENTER or doctor/ physician if you feel unwell. P321 Specific treatment (see supplemental first aid instructions on this label). P332 P313 If skin irritation occurs: Get medical advice/ attention. P337 P313 If eye irritation persists: Get medical advice/ attention. P362 Take off contaminated clothing and wash before reuse. P370 P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage

P403 P233 Store in a well-ventilated place. Keep container tightly closed. P403 P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.

Disposal

P501 Dispose of contents/ container to an approved waste disposal plant.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Rosemary oil FCC
% By Weight 100
CAS# 8000-25-7
Molecular Weight Not available.
Chemical Formula Not available.
Synonym(s) Not available.



Safety Data Sheet

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Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Rosemary oil FCC	8000-25-7	100	Not available.	ORAL (LD50):Acute: 5000mg/kg [Rat].

Section 4: First-Aid Measures

Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician
Skin Contact	Wash off with soap and plenty of water. Consult a physician.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Ingestion	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Symptoms/Effects

Acute	Not available
Delayed	Not available

Immediate Medical Attention

Not available.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water

Unsuitable Extinguishing Media

Not available.

Products of Combustion

Not available.

Firefighters Special Equipment and Precautions

Wear self contained breathing apparatus for fire fighting if necessary. Use water spray to cool unopened containers.

Section 6: Accidental Release Measures

Personal precautions: Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Methods and materials for containment and cleaning up: Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

Section 7: Handling and Storage

Handling: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. Storage: Store in cool place. 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.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Not available

Personal Protection

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Eye protection: Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin and body protection: impervious clothing, Flame retardant antistatic protective clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Section 9: Physical and Chemical Properties

Appearance	COLORLESS TO PALE YELLOW LIQUID		
Odor	Strong, fresh, minty-forest		
Odor Threshold	Not available		
Melting Point	Not available.	pH	Not available
Freezing Point	Not available.	Vapor Pressure	Not available.
Boiling Point/Range	Not available.	Vapor Density	Not available.
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not available
Flash Point	114	Autoignition temperature	Not available
Flammability	Not available	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	Insoluble in water.		
Other	Density @25 °C 0.894		

Section 10: Stability and Reactivity

Reactivity	Not available
Chemical Stability	Stable under recommended storage conditions.
Hazardous Polymerization	Will not occur
Conditions to Avoid	Heat, flames and sparks
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	Not available.

Section 11: Toxicological Information

RTECS	VL0445000
Acute Toxicity	Acute toxicity Oral LD50 LD50 Oral - rat - 5,000 mg/kg Inhalation LC50 no data available Dermal LD50 LD50 Dermal - rabbit - > 10,000 mg/kg
Skin Corrosion/Irritation	May be harmful if absorbed through skin. Causes skin irritation.
Serious Eye Damage/Irritation	Causes eye irritation.
Respiratory or Skin Sensitization	May be harmful if inhaled. Causes respiratory tract irritation.
Germ Cell Mutagenicity	Not available
Carcinogenicity	Not available.
Reproductive Toxicity	Not available
Routes of Entry	Eye contact. Inhalation. Ingestion. Skin.
Symptoms Related to Exposure	Dermatitis

Potential Health Effects

May be harmful if swallowed.

Target Organ(s) Specific target organ toxicity-single exposure: Inhalation-May cause respiratory irritation. Specific target organ toxic

Section 12: Ecological Information**Ecotoxicity**

Not available.

Persistence and Degradability

Not available

Bioaccumulative Potential

Not available

Mobility in Soil

Not available

Other Adverse Effects

Not available

Section 13: Disposal Considerations**Waste Disposal**

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Disposal of Container

Dispose of as unused product

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

DOT (US) UN number: 1993 Class: 3 Packing group: III Proper shipping name: FLAMMABLE LIQUID NOS

Section 15: Regulatory Information**Regulations**

OSHA Hazards Combustible Liquid, Irritant SARA 302 Components SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards Fire Hazard, Acute Health Hazard Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components No components are subject to the Pennsylvania Right to Know Act. New Jersey Right To Know Components No components are subject to the New Jersey Right to Know Act. California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Other

WHMIS Not controlled under WHMIS (Canada). (Canada);DSCL (EEC) R36/38- Irritating to eyes and skin.;Gloves.;Lab coat.;Vapor respirator. Be sure to use an approved/certified respirator or equivalent.;Splash goggles.

Section 16: Other Information



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