

Section 1: Identification

Product Name Guaiacol Purified (Liquid)
Commercial Name Not available.
Product Use Manufacture of substances
Restrictions On Use Not available

Product Code 30-1209

Company PCCA
 9901 South Wilcrest
 Houston, TX 77099
 Phone: 1-800-331-2498
 Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: OSHA Hazards - Harmful by ingestion, Irritant GHS Classification Acute toxicity, Oral (Category 4) Skin irritation (Category 2) Eye irritation (Category 2A) Acute aquatic toxicity (Category 3) Chronic aquatic toxicity (Category 3)
CFR 1910.1200

Signal Word WARNING

Hazard Statement(s) Harmful if swallowed. May be harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P273 Avoid release to the environment. P280 Wear protective gloves/ eye protection/ face protection.
Response P301 P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. P302 P352 IF ON SKIN: Wash with plenty of soap and water. P305 P351 P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 Specific treatment (see supplemental first aid instructions on this label). P330 Rinse mouth. 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.
Storage Not available
Disposal P501 Dispose of contents/ container to an approved waste disposal plant.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Guaiacol
% By Weight 100
CAS# 90-05-1
Molecular Weight 124.14 g/mole
Chemical Formula C7H8O2
Synonym(s) 2-Methoxyphenol Catechol monomethyl ether 2-Methoxyphenol Pyrocatechol monomethyl ether

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Guaiacol	90-05-1	100	Not available.	ORAL (LD50):Acute: 520mg/kg [Rat].621 mg/kg[Mouse].DERMAL (LD50):Acute: 4600mg/kg [Rabbit].VAPOR (LC50):Acute: 10705.6ppm 4 hour(s)[Mouse].

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 at least 15 minutes and consult a physician.
Ingestion	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	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	Not available.
Products of Combustion	Carbon oxides.
Firefighters Special Equipment and Precautions	Wear self contained breathing apparatus for fire fighting if necessary

Section 6: Accidental Release Measures

Personal precautions: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust. Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Methods and materials for containment and cleaning up: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Storage: Keep container tightly closed in a dry and well-ventilated place. Handle and store under inert gas. Air, light, and moisture sensitive.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Not available.
Personal Protection	Respiratory protection: For nuisance exposures use type p95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards 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: Safety glasses with side-shields conforming to EN 166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin and body protection: Complete suit protecting against chemicals, 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	PALE YELLOW TO DARK BROWN liquid.		
Odor	Phenol-like		
Odor Threshold	Not available		
Melting Point	28	pH	Not available
Freezing Point	Not available	Vapor Pressure	100
Boiling Point/Range	205°C (401°F)	Vapor Density	4.28 (Air = 1)
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not available
Flash Point	180	Autoignition temperature	Not available
Flammability	Not available	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	slightly soluble in water		
Other	Density @25 °C 1.120		

Section 10: Stability and Reactivity

Reactivity	Not available
Chemical Stability	Stable under recommended storage conditions
Hazardous Polymerization	Not available
Conditions to Avoid	Light. Air.
Incompatible Materials	Strong oxidizing agents, Strong bases
Hazardous Decomposition Products	Carbon oxides

Section 11: Toxicological Information**RTECS** SL7525000**Acute Toxicity**

Acute toxicity Oral LD50 LD50-Oral-rat-520 mg/kg Inhalation LC50 no data available Dermal LD50 LD50 Dermal-rabbit-4,600 mg/kg

Skin Corrosion/Irritation

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

Genotoxicity in vitro- Equivocal evidence. Genotoxicity in vitro- Human- lymphocyte Sister chromatid exchange.

Carcinogenicity

Not established

Reproductive Toxicity

Not available

Routes of Entry

Inhalation. Ingestion. Skin. Eyes.

Symptoms Related to Exposure

Not available

Potential Health Effects

Harmful if swallowed

Target Organ(s) Not available**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**

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**

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**

OSHA Hazards Harmful by ingestion., 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 Acute Health Hazard Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components Guaiacol CAS-No. Revision Date 90-05-1 New Jersey Right To Know Components Guaiacol CAS-No. Revision Date 90-05-1 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 CLASS D-2B: Material causing other toxic (Canada) effects (TOXIC);;DSCL (EEC) R22- Harmful if swallowed. R38- Irritating to skin. R41- Risk of serious damage to eyes.;Gloves.;Lab coat.;Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.;Splash goggles.

Section 16: Other Information

Material Safety Data Sheet prepared by: PCCA The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond PCCA's control, it is the responsibility of the user both to determine safe conditions for use of this product and to assume liability for loss, damage, or expense arising out of the products improper use. No warranty expressed or implied regarding the product described herein will be created by or inferred from any statement or omission in the SDS. Various federal, state, or provincial agencies may have specific regulations concerning the transportation, handling, storage, use, or disposal of this product which may not be reflected in the SDS. The user should review these regulations to ensure full compliance.