

**Section 1: Identification**

**Product Name** Coal Tar Topical Solution USP  
**Commercial Name** Not available.  
**Product Use** Not available.  
**Restrictions On Use** Not available.

**Product Code** 50-1051

**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:** Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2A Germ cell mutagenicity  
**CFR 1910.1200** Category 1A Carcinogenicity Category 1A Reproductive toxicity Category 1A Specific target organ toxicity (single exposure) Category 3 Specific target organ toxicity (repeated exposure) Category 1 Flammable liquids Category 2

**Signal Word** DANGER

**Hazard Statement(s)** Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation. May cause drowsiness or dizziness. Causes damage to organs through prolonged or repeated exposure. May damage fertility or the unborn child. May cause cancer. May cause genetic defects. Highly flammable liquid and vapor.

**Pictogram(s) or Symbol(s)**



**Precautionary Statement(s):**

**Prevention**

Obtain special instructions before use Do not handle until all safety precautions have been read and understood Wear protective gloves/protective clothing/eye protection/face protection Wash face, hands and any exposed skin thoroughly after handling Do not breathe mist or vapors Do not eat, drink or smoke when using this product Use only outdoors or in a well-ventilated area Keep away from heat/sparks/open flames/hot surfaces. — No smoking Keep container tightly closed Ground container and receiving equipment Use explosion-proof equipment Use only non-sparking tools Take precautionary measures against static discharge Keep cool

**Response**

IF exposed or concerned: Get medical attention In case of fire: Use CO2, dry chemical, or foam to extinguish. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. If skin irritation occurs: Get medical attention IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water Wash contaminated clothing before reuse IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Storage**

Store locked up Store in a well-ventilated place. Keep container tightly closed

**Disposal**

Dispose of contents and container to an approved waste disposal plant in accordance with local, regional, national and international regulations as applicable

**Section 3: Composition/Information on Ingredients**

**Substance/Mixture** Mixture  
**Components** Coal tar and Alcohol  
**% By Weight** See below  
**CAS#** 65996-92-1  
**Molecular Weight** Not applicable.  
**Chemical Formula** Not available.  
**Synonym(s)** Not available.

**Safety Data Sheet**

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

**Mixtures**

| <b>Name</b>   | <b>CAS#</b> | <b>% by Weight</b> | <b>TLV/PEL</b> | <b>LC50/LD50</b> |
|---------------|-------------|--------------------|----------------|------------------|
| Coal tar      | 65996-92-1  | NLT 8              | N/A            | N/A              |
| Ethyl Alcohol | 64-17-5     | 81-86              | N/A            | N/A              |

**Section 4: First-Aid Measures**

|                         |  |
|-------------------------|--|
| <b>Inhalation</b>       | Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention  |
| <b>Skin Contact</b>     | Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention. If skin irritation persists, call a physician.   |
| <b>Eye Contact</b>      | Flush eyes with water for 15 minutes. Get medical attention.   |
| <b>Ingestion</b>        | Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Obtain medical attention.  |
| <b>Symptoms/Effects</b> |  |
| <b>Acute</b>            | Causes skin irritation Causes serious eye irritation May cause irritation of respiratory tract Dyspnea (Difficulty breathing and shortness of breath) Central nervous system effects Drowsiness Dizziness Headache Ataxia Staggering gait Nausea Vomiting May cause cardiovascular effects |
| <b>Delayed</b>          | Causes skin irritation Causes serious eye irritation May cause irritation of respiratory tract Dyspnea (Difficulty breathing and shortness of breath) Central nervous system effects Drowsiness Dizziness Headache Ataxia Staggering gait Nausea Vomiting May cause cardiovascular effects |

**Immediate Medical Attention**

Treat symptomatically. First-Aid Providers: Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste.

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

Carbon dioxide (CO<sub>2</sub>). Dry chemical. Water spray mist or foam. Alcohol-resistant foam.

**Unsuitable Extinguishing Media**

Do not use a solid (straight) water stream as it may scatter and spread fire.

**Products of Combustion**

Carbon Monoxide, Carbon Dioxide.

**Firefighters Special Equipment and Precautions**

Flammable. May be ignited by heat, sparks or flames. Vapor may travel considerable distance to source of ignition and flash back. Vapors may form explosive mixtures with air. Most vapors are heavier than air. They will spread along the ground and collect in low or confined areas (sewers, basements, tanks). Container explosion may occur under fire conditions or when heated. Fire may produce irritating, corrosive and/or toxic gases. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**Section 6: Accidental Release Measures**

Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid contact with skin, eyes and clothing. Use personal protective equipment. Remove all sources of ignition. Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use spark-proof tools and explosion-proof equipment. In case of large spill, water spray or vapor suppressing foam may be used to reduce vapors, but may not prevent ignition in closed spaces. Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Prevent entry into waterways, sewers, basements or confined areas. Methods for containment: Absorb spill with inert material (e.g. vermiculite, dry sand or earth), then place in a suitable chemical waste container. In case of large spill, dike if needed. Dike far ahead of liquid spill for later disposal. Methods for cleaning up: Use appropriate tools to put the spilled material in a suitable chemical waste disposal container. Clean contaminated surface thoroughly.

**Section 7: Handling and Storage**

Handling: Provide sufficient air exchange and/or exhaust in work rooms. Remove all sources of ignition. Keep away from incompatible materials. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist. Do not ingest. Do not smoke. Keep away from heat and sources of ignition. Handle in accordance with good industrial hygiene and safety practice. Storage: Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition. Store away from incompatible materials. Store in a segregated and approved area. Incompatible Materials: Oxidizing agents Acids Alkalis Bases Metals Acid anhydrides Acid chlorides Alkali Metals Hydrazine isocyanates

**Safety Data Sheet**

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

**Section 8: Exposure Controls/Personal Protection****Exposure Limits**

Ethyl Alcohol 200 proof OSHA: 1000 ppm TWA, 1900 mg/m<sup>3</sup> TWA NIOSH: 1000 ppm TWA, 1900 mg/m<sup>3</sup> TWA ACGIH: 1000 ppm STEL AIHA WEEL: None

**Engineering Controls**

Ensure adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors and mist below their respective threshold limit value.

**Personal Protection**

Eye protection: Goggles Skin and body protection: Long sleeved clothing Chemical resistant apron Gloves. Respiratory protection: Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Hygiene measures: Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product

**Section 9: Physical and Chemical Properties**

|   |  |  |                                   |
|---|--|--|-----------------------------------|
| <b>Appearance</b>                                 | Greenish-brown. Dark brown. liquid.  | <b>pH</b>                                | Not available                     |
| <b>Odor</b>                                       | Characteristic. Aromatic. Naphthalene-like   | <b>Vapor Pressure</b>                    | 5.7 (for Ethyl alcohol 200 proof) |
| <b>Odor Threshold</b>                             | 100 (Ethyl alcohol 200 Proof)  | <b>Vapor Density</b>                     | 1.59 (Ethyl alcohol 200 Proof)    |
| <b>Melting Point</b>                              | -114.1°C/ -173.4°F (Ethyl alc  | <b>Viscosity</b>                         | Not available.                    |
| <b>Freezing Point</b>                             | Not available  | <b>Evaporation Rate</b>                  | Not available                     |
| <b>Boiling Point/Range</b>                        | 78.5°C/ 173.3°F (Ethyl alcohl  |  |                                   |
| <b>Decomposition temperature</b>                  | Not available  |  |                                   |
| <b>Partition Coefficient:<br/>n-octanol/water</b> | Not available  |  |                                   |
| <b>Flash Point</b>                                | 17°C/ 62.6°F closed cup  | <b>Autoignition temperature</b>          | 425°C/ 797°F                      |
| <b>Flammability</b>                               | Flammable  | <b>Flammability or Explosive Limits:</b> |                                   |
|   |  | <b>Lower</b>                             | 3.5%                              |
|   |  | <b>Upper</b>                             | 15%                               |
| <b>Solubility(ies)</b>                            | Easily soluble in hot water. Partially soluble in cold water                           |  |                                   |
| <b>Other</b>                                      | Soluble in Methanol Soluble in diethyl ether Soluble in Acetone VOC content (g/L): 835 |  |                                   |

**Section 10: Stability and Reactivity**

|   |  |
|---|--|
| <b>Reactivity</b>                       | When Ethanol comes in contact with Sodium, it liberates flammable hydrogen gas   |
| <b>Chemical Stability</b>               | Stable under recommended storage conditions.   |
| <b>Hazardous Polymerization</b>         | Hazardous polymerization does not occur  |
| <b>Conditions to Avoid</b>              | Heat. Ignition sources. Incompatible materials.  |
| <b>Incompatible Materials</b>           | Oxidizing agents. Acids. Alkalis. Bases. Metals. Acid anhydrides. Acid chlorides. Alkali Metals. Hydrazine. isocyanates. |
| <b>Hazardous Decomposition Products</b> | Carbon oxides  |

**Section 11: Toxicological Information**

**RTECS** Not applicable.

**Acute Toxicity**

LD50/oral/rat = 7060 mg/kg Oral LD50 Rat Ethyl Alcohol 200 proof: LD50/oral/mouse = 3450 mg/kg Oral LD50 Mouse  
LD50/dermal/rabbit = No information available LD50/dermal/rat = No information available LC50/inhalation/rat = 124.7 mg/L  
Inhalation LC50 Rat 4 h LC50/inhalation/mouse = 39000 mg/m3 4 h Other LD50 or LC50information = >60000 ppm Inhalation  
LC50 Mouse 1 h 5900 mg/m3 Inhalation LC50 Rat 6 h 20000 ppm Inhalation LC50 Rat 10 h 5560 mg/kg Oral LD50 Guinea Pig  
6300 mg/kg Oral LD50 Rabbit Coal tar distillate: LD50/oral/rat = No information available LD50/oral/mouse = No information  
available LD50/dermal/rabbit = No information available LD50/dermal/rat = No information available LC50/inhalation/rat = No  
information available LC50/inhalation/mouse = No information available Other LD50 or LC50information = No information available  
Polysorbate 80: LD50/oral/rat = 34500 µL/kg Oral LD50 Rat; >38000 mg/kg LD50/oral/mouse = 25000 mg/kg LD50/dermal/rabbit  
= No information available LD50/dermal/rat = No information available LC50/inhalation/rat = No information available  
LC50/inhalation/mouse = No information available Other LD50 or LC50information = No information available

**Skin Corrosion/Irritation**

Skin: Prolonged or repeated exposure to coal tar distillate may cause acne, folliculitis, changes in skin pigmentation and benign skin growth may occur if good personal hygiene is not practiced. It may also cause photosensitization dermatitis (photosensitivity) in presence of ultraviolet light Eyes: Repeated or prolonged exposure may cause eye damage. Prolonged or repeated exposure may cause brown staining in the eyes.

**Serious Eye Damage/Irritation**

Irritating effect

**Respiratory or Skin Sensitization**

Inhalation: Prolonged or repeated inhalation may contribute to gallbladder disease, pneumonitis, and pulmonary vessel thrombosis.

**Germ Cell Mutagenicity**

May affect genetic material

**Carcinogenicity**

Substance is not listed

**Reproductive Toxicity**

May damage fertility or the unborn child

**Routes of Entry**

Skin. Eyes. Inhalation. Ingestion.

**Symptoms Related to Exposure**

Causes skin irritation. It is a phototoxic substance that, in presence of ultraviolet light (sunlight) can cause a skin reaction similar to an exaggerated sunburn, frequently causing blisters. Causes serious eye irritation. Inhalation of mist or vapors may cause respiratory tract irritation and mucousmembrane irritation. Symptoms may include coughing and shortness of breath. May cause nausea and headache. It may affect behavior/central nervous system ataxia, general anesthetic, drowsiness). May affect respiration (respiratory depression). Inhalation of high concentrations of vapor may cause anesthetic effects. Inhalation of high concentrations of vapors may cause dizziness or suffocation. May affect the brain. Ingestion can cause severe gastrointestinal tract irritation with abdominal tenderness, anorexia, nausea, vomiting. It may also affect behavior/central nervous system and cause weakness, central nervous system depression and may affect the liver and kidneys. Aspiration can cause lung inflammation and damage. May cause gastritis. May cause loss of appetite. May cause flushed skin. May affect the cardiovascular system (change in heart rate). May affect the cardiovascular system (hypotension or hypertension, tachycardia, dysrhythmias). It may affect behavior/central nervous system (excitation, mild euphoria, excessive talking, fatigue, headache, dizziness, drowsiness, staggering gait, ataxia, hallucinations, slurred speech, amnesia, confusion, release of inhibitions, aggressive behavior, convulsions, coma). May affect respiration (dyspnea, respiratory depression). May affect liver. May affect the blood. May affect the endocrine system. It may affect the spleen. May affect urinary system (kidneys).

**Potential Health Effects**

Not available

**Target Organ(s)** STOT - single exposure. respiratory system. central nervous system. repeated exposure Causes damage to organs

**Section 12: Ecological Information****Ecotoxicity**

Ethyl Alcohol 200 proof - 64-17-5 Fish LC50: 12.0 - 16.0mL/L (96h, Oncorhynchus mykiss) LC50: >100mg/L (96h, Pimephales promelas) LC50: 13400 - 15100mg/L (96h, Pimephales promelas) Crustacea LC50: 9268 - 14221mg/L (48h, Daphnia magna) EC50: =2mg/L (48h, Daphnia magna) EC50: =10800mg/L (24h, Daphnia magna)

**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**

Waste must be disposed of in accordance with Federal, State and Local regulation.

**Disposal of Container**

Empty containers should be taken for local recycling, recovery or waste disposal

**Other Considerations**

Not available

**Safety Data Sheet**

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

**Section 14: Transport Information****DOT Classification**

UN-No: UN1170 Proper Shipping Name: Ethanol solution Hazard Class 3 Subsidiary Class No information available Packing group: II Emergency Response Guide Number 127 Marine Pollutant No data available DOT RQ (lbs): No information available Special Provisions 24, IB2, T4, TP1 Symbol(s): No information available Description: UN1170, Ethanol, 3, II

**Section 15: Regulatory Information****Regulations**

thyl Alcohol 200 proof Massachusetts RTK: Present New Jersey RTK Hazardous Substance List: 0844 Pennsylvania RTK: Present Minnesota - Hazardous Substance List: Present Louisiana Reportable Quantity List for Pollutants: Present (listed as Volatile Organic Compounds) California Directors List of Hazardous Substances: Present FDA - Food Additives Generally Recognized as Safe (GRAS): 21 CFR 184.1293 FDA - 21 CFR - Total Food Additives - List Sourced from EAFUS 169.175, 169.176, 169.177, 169.181, 172.340, 172.560, 172.580, 175.105, 176.180, 176.200, 177.1200, 177.1650, 178.1010, 184.1293, 73.30, 73.345, 73.615 Polysorbate 80 FDA - Direct Food Additives 21 CFR 172.515, 21 CFR 172.840, 21 CFR 173.340 FDA - 21 CFR - Total Food Additives - List Sourced from EAFUS 172.515, 172.836, 172.838, 172.840, 172.842, 173.340, 175.105, 176.180, 178.3400, 573.860, 73.1, 73.1001 California Prop. 65: Safe Drinking Water and Toxic Enforcement Act of 1986 chemicals Known to the State of California to Cause Cancer: WARNING: This product can expose you to chemicals including (see table below) which is (are) known to the State of California to cause cancer. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

**Other**

Not available.

**Section 16: Other Information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.