



## Safety Data Sheet

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

Guaifenesin USP

30-1147

### Section 1: Identification

**Product Name** Guaifenesin USP  
**Commercial Name** Not available.  
**Product Use** Not available  
**Restrictions On Use** Not available  
  
**Product Code** 30-1147  
  
**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:** Acute Tox. 4  
**CFR 1910.1200**  
**Signal Word** NON-HAZARDOUS  
  
**Hazard Statement(s)** N/A  
**Pictogram(s) or Symbol(s)**

#### Precautionary Statement(s):

**Prevention** P264 Wash thoroughly after handling. P270 Do not eat, drink or smoke when using this product.  
**Response** P301+P317 IF SWALLOWED: Get medical help. P330 Rinse mouth.  
**Storage** Not available  
**Disposal** P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

### Section 3: Composition/Information on Ingredients

**Substance/Mixture** Substance  
**Components** Guaifenesin  
**% By Weight** 100  
**CAS#** 93-14-1  
**Molecular Weight** 198.22 g/mole  
**Chemical Formula** C<sub>10</sub>H<sub>14</sub>O<sub>4</sub>  
**Synonym(s)** Not available

#### Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Not available.				

**Section 4: First-Aid Measures**

<b>Inhalation</b>	Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.
<b>Skin Contact</b>	Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.
<b>Eye Contact</b>	Rinse with pure water for at least 15 minutes. Consult a doctor.
<b>Ingestion</b>	Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.
<b>Symptoms/Effects</b>	
<b>Acute</b>	Not available
<b>Delayed</b>	Not available

**Immediate Medical Attention**

Basic treatment: Establish a patent airway (oropharyngeal or nasopharyngeal airway, if needed). Suction if necessary. Watch for signs of respiratory insufficiency and assist ventilations if needed. Administer oxygen by nonrebreather mask at 10 to 15 L/min. Monitor for pulmonary edema and treat if necessary. Monitor for shock and treat if necessary. Anticipate seizures and treat if necessary. For eye contamination, flush eyes immediately with water. Irrigate each eye continuously with 0.9% saline (NS) during transport. Do not use emetics. For ingestion, rinse mouth and administer 5 mL/kg up to 200 mL of water for dilution if the patient can swallow, has a strong gag reflex, and does not drool. Cover skin burns with dry sterile dressings after decontamination.

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

Use dry chemical, carbon dioxide or alcohol-resistant foam.

**Unsuitable Extinguishing Media**

Not available

**Products of Combustion**

Not available

**Firefighters Special Equipment and Precautions**

Wear self-contained breathing apparatus for firefighting if necessary.

**Section 6: Accidental Release Measures**

Personal precautions, protective equipment and emergency procedures: Avoid dust formation. Avoid breathing mist, gas or vapours. Avoid contacting with skin and eye. Use personal protective equipment. Wear chemical impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Environmental precautions: Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided. Methods and materials for containment and cleaning up: Dispose of the material collected according to the regulations. Prevent formation of dust. Ensure adequate ventilation.

**Section 7: Handling and Storage**

Precautions for safe handling: Keep containers tightly sealed. Ensure good ventilation/exhaustion at the workplace. Prevent formation of dust. Conditions for safe storage, including any incompatibilities Storage condition: Preserve in tight containers.

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

<b>Exposure Limits</b>	Not available.
<b>Engineering Controls</b>	Not available

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**Personal Protection**

General protective and hygienic measures: The usual precautionary measures should be adhered to in handling the chemicals. Do not eat, drink, or smoke while working. Instantly remove any soiled and impregnated garments. Store protective clothing separately. Do not inhale dust / smoke / mist. Breathing equipment: Breathing protection recommended. Respiratory protection: If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator. Hands protection: Protective gloves. Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. Eye protection: Tightly sealed safety glasses. Body protection: Protective work clothing.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	Solid, white Crystalline powder		
<b>Odor</b>	Odorless		
<b>Odor Threshold</b>	Not available		
<b>Melting Point</b>	78-82°C (173.3°F)	<b>pH</b>	Not available
<b>Freezing Point</b>	Not available	<b>Vapor Pressure</b>	Not applicable.
<b>Boiling Point/Range</b>	Not available	<b>Vapor Density</b>	Not available.
<b>Decomposition temperature</b>	Not available.	<b>Viscosity</b>	Not available.
<b>Partition Coefficient: n-octanol/water</b>	Not available.	<b>Evaporation Rate</b>	Not available.
<b>Flash Point</b>	Not available.	<b>Autoignition temperature</b>	Not available.
<b>Flammability</b>	Not available.	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	Not available.
		<b>Upper</b>	Not available.
<b>Solubility(ies)</b>	Soluble in water , propanediol. Freely soluble in ethanol and chloroform. Sparingly soluble in glycerin		
<b>Other</b>	Not available.		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Not available.
<b>Chemical Stability</b>	Stable under proper conditions.
<b>Hazardous Polymerization</b>	Not available.
<b>Conditions to Avoid</b>	Not available.
<b>Incompatible Materials</b>	Not available.
<b>Hazardous Decomposition Products</b>	Carbon dioxide, Carbon monoxide

**Section 11: Toxicological Information****RTECS** Not available.**Acute Toxicity**

LD/LC50 values relevant for classification: 93-14-1 Guaifenesin Oral LD50 1510 mg/kg (rat)

**Skin Corrosion/Irritation**

Not available.

**Serious Eye Damage/Irritation**

Not available.

**Respiratory or Skin Sensitization**

Not available.

**Germ Cell Mutagenicity**

Not available.

**Carcinogenicity**

Not available.

**Reproductive Toxicity**

Not available.

**Routes of Entry**

Not available.

**Symptoms Related to Exposure**

Not available.

**Potential Health Effects**

Not available.

**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**

Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

**Section 13: Disposal Considerations****Waste Disposal**

After prior treatment product has to be landfilled or incinerated under adherence to the regulations pertaining to the disposal of especially hazardous waste. Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**Disposal of Container**

Dispose of in accordance with federal, state and local regulations.

**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**

Safety, health and environmental regulations/legislation specific for the substance or mixture. National regulations Water hazard class: water hazard class 1 (Self-assessment): slightly hazardous for water. Chemical safety assessment: A chemical safety assessment has not been carried out.

**Other****Section 16: Other Information**

Not available.