

**Section 1: Identification**

**Product Name** Base, PCCA MucoLox  
**Commercial Name** N/A  
**Product Use** Pharmaceutical  
**Restrictions On Use** N/A  
**Product Code** 30-4782  
**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:** HMIS Label:Health Hazard:0, Flammability:0, Physical Hazard:0, Personal Protection:A  
**CFR 1910.1200**  
**Signal Word** NON-HAZARDOUS  
**Hazard Statement(s)** N/A  
**Pictogram(s) or Symbol(s)**

**Precautionary Statement(s):**

**Prevention** N/A  
**Response** N/A  
**Storage** N/A  
**Disposal** N/A

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

**Substance/Mixture** Mixture  
**Components** See chart below  
**% By Weight** Proprietary  
**CAS#** N/A  
**Molecular Weight** N/A  
**Chemical Formula** N/A  
**Synonym(s)** N/A

**Mixtures**

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Water	N/A	N/A	N/A	N/A
Isomalt	N/A	N/A	N/A	N/A
Pullulan	N/A	N/A	N/A	N/A
Potassium Sorbate	N/A	N/A	N/A	N/A
Sodium Benzoate	N/A	N/A	N/A	N/A
Disodium EDTA	N/A	N/A	N/A	N/A
Simethicone	N/A	N/A	N/A	N/A
Glycerin	N/A	N/A	N/A	N/A
Sodium Hyaluronate	N/A	N/A	N/A	N/A
Poloxamer 407	N/A	N/A	N/A	N/A
Tamarindus Indica Seed	N/A	N/A	N/A	N/A
Polysaccharide				

**Section 4: First-Aid Measures**

<b>Inhalation</b>	If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing.
<b>Skin Contact</b>	After contact with skin, wash immediately with plenty of water and soap.
<b>Eye Contact</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
<b>Ingestion</b>	N/A
<b>Symptoms/Effects</b>	
<b>Acute</b>	Symptoms/injuries after inhalation : None under normal use. Symptoms/injuries after skin contact : None under normal use. Symptoms/injuries after eye contact : May cause slight irritation. Symptoms/injuries after ingestion : None under normal use.
<b>Delayed</b>	N/A
<b>Immediate Medical Attention</b>	
N/A	

**Section 5: Fire-Fighting Measures**

<b>Suitable Extinguishing Media</b>	Use extinguishing media appropriate for surrounding fire
<b>Unsuitable Extinguishing Media</b>	N/A
<b>Products of Combustion</b>	N/A
<b>Firefighters Special Equipment and Precautions</b>	Firefighters should wear full protective gear

**Section 6: Accidental Release Measures**

Environmental precautions: Prevent entry to sewers and public waters For containment : Stop the flow of material, if this is without risk. Methods for cleaning up : Collect spillage

**Section 7: Handling and Storage**

N/A

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

<b>Exposure Limits</b>	N/A
<b>Engineering Controls</b>	Water (7732-18-5) ACGIH Not applicable OSHA Not applicable Potassium Sorbate (590-00-1) ACGIH Not applicable OSHA Not applicable Sodium benzoate (532-32-1) ACGIH Not applicable OSHA Not applicable Disodium EDTA (6381-92-6) ACGIH Not applicable OSHA Not applicable Pullulan (9057-02-7) ACGIH Not applicable OSHA Not applicable Sodium Hyaluronate (9067-32-7) ACGIH Not applicable OSHA Not applicable Glycerin (56-81-5) ACGIH Not applicable OSHA OSHA PEL (TWA) (mg/m <sup>3</sup> ) 15 mg/m <sup>3</sup> (mist, total particulate) 5 mg/m <sup>3</sup> (mist, respirable fraction) Simethicone (8050-81-5) ACGIH Not applicable OSHA Not applicable Poloxamer 407 (9003-11-6) ACGIH Not applicable OSHA Not applicable Isomalt (64519-82-0) ACGIH Not applicable OSHA Not applicable Tamarindus Indica Seed Polysaccharide (39386-78-2) ACGIH Not applicable OSHA Not applicable
<b>Personal Protection</b>	Appropriate engineering controls : General (mechanical) room ventilation is expected to be satisfactory for normal handling. Hand protection : None required under normal product handling conditions. Eye protection : None required under normal product handling conditions. Skin and body protection : None required under normal product handling conditions. Respiratory protection : If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	Liquid, Viscous, Colorless		
<b>Odor</b>	N/A		
<b>Odor Threshold</b>	N/A		
<b>Melting Point</b>	N/A	<b>pH</b>	4.7-5.5
<b>Freezing Point</b>	N/A	<b>Vapor Pressure</b>	N/A
<b>Boiling Point/Range</b>	N/A	<b>Vapor Density</b>	N/A
<b>Decomposition temperature</b>	N/A	<b>Viscosity</b>	N/A
<b>Partition Coefficient: n-octanol/water</b>	N/A	<b>Evaporation Rate</b>	N/A
<b>Flash Point</b>	N/A	<b>Autoignition temperature</b>	N/A
<b>Flammability</b>	N/A	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	N/A
		<b>Upper</b>	N/A
<b>Solubility(ies)</b>	N/A		
<b>Other</b>	N/A		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	No additional information available
<b>Chemical Stability</b>	The product is stable at normal handling and storage conditions.
<b>Hazardous Polymerization</b>	Will not occur.
<b>Conditions to Avoid</b>	Extremely high or low temperatures.
<b>Incompatible Materials</b>	N/A
<b>Hazardous Decomposition Products</b>	N/A

**Section 11: Toxicological Information**

<b>RTECS</b>	N/A
<b>Acute Toxicity</b>	Water (7732-18-5) LD50 oral rat > 90 ml/kg Potassium Sorbate (590-00-1) LD50 oral rat 3800 mg/kg ATE US (oral) 3800.000 mg/kg body weight Sodium benzoate (532-32-1) LD50 oral rat 2100 mg/kg ATE US (oral) 2100.000 mg/kg body weight Glycerin (56-81-5) LD50 dermal rabbit > 10 g/kg LC50 inhalation rat (mg/l) > 570 mg/m <sup>3</sup> (Exposure time: 1 h) ATE US (oral) 12600.000 mg/kg Poloxamer 407 (9003-11-6) LC50 inhalation rat (mg/l) 320 mg/m <sup>3</sup> (Exposure time: 4 h)
<b>Skin Corrosion/Irritation</b>	N/A
<b>Serious Eye Damage/Irritation</b>	N/A
<b>Respiratory or Skin Sensitization</b>	N/A
<b>Germ Cell Mutagenicity</b>	N/A
<b>Carcinogenicity</b>	N/A
<b>Reproductive Toxicity</b>	N/A
<b>Routes of Entry</b>	N/A

**Safety Data Sheet**

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

**Symptoms Related to Exposure**

N/A

**Potential Health Effects**

N/A

**Target Organ(s)** N/A**Section 12: Ecological Information****Ecotoxicity**

Sodium benzoate (532-32-1) LC50 fish 1 420 - 558 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) EC50 Daphnia 1 < 650 mg/l (Exposure time: 48 h - Species: Daphnia magna) LC50 fish 2 > 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) Glycerin (56-81-5) LC50 fish 1 51 - 57 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

**Persistence and Degradability**

N/A

**Bioaccumulative Potential**

Sodium benzoate (532-32-1) LC50 fish 1 420 - 558 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) EC50 Daphnia 1 < 650 mg/l (Exposure time: 48 h - Species: Daphnia magna) LC50 fish 2 > 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) Glycerin (56-81-5) LC50 fish 1 51 - 57 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

**Mobility in Soil**

N/A

**Other Adverse Effects**

N/A

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

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Disposal of Container**

N/A

**Other Considerations**

N/A

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

In accordance with DOT Not a dangerous good as defined in transport regulations

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

Water (7732-18-5) Listed on the United States TSCA (Toxic Substances Control Act) inventory Potassium Sorbate (590-00-1) Listed on the United States TSCA (Toxic Substances Control Act) inventory Sodium benzoate (532-32-1) Listed on the United States TSCA (Toxic Substances Control Act) inventory Pullulan (9057-02-7) Listed on the United States TSCA (Toxic Substances Control Act) inventory Glycerin (56-81-5) Listed on the United States TSCA (Toxic Substances Control Act) inventory EPA TSCA Regulatory Flag Y2 - Y2 - indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule. Poloxamer 407 (9003-11-6) Listed on the United States TSCA (Toxic Substances Control Act) inventory Tamarindus Indica Seed Polysaccharide (39386-78-2) Listed on the United States TSCA (Toxic Substances Control Act) inventory Glycerin (56-81-5) U.S. - Massachusetts - Right To Know List U.S. - Minnesota - Hazardous Substance List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List

**Other**

N/A



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### Section 16: Other Information

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N/A