

**Safety Data Sheet**

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

**Section 1: Identification****Product Name** Dextromethorphan Hydrobromide USP Monohydrate**Commercial Name** Not available.**Product Use** Not available**Restrictions On Use** Not available**Product Code** 30-1339**Company** PCCA  
9901 South Wilcrest  
Houston, TX 77099  
Phone: 1-800-331-2498  
Fax: 1-800-874-5760In case of emergency contact:  
**CHEMTREC (24hr) 1-800-424-9300****Section 2: Hazard(s) Identification****OSHA Haz Com:** Not available.**CFR 1910.1200****Signal Word** WARNING**Hazard Statement(s)** Harmful if swallowed.**Pictogram(s) or Symbol(s)****Precautionary Statement(s):**

<b>Prevention</b>	P273 Avoid release to the environment. P264 Wash thoroughly after handling. P270 Do not eat, drink or smoke when using this product.
<b>Response</b>	P301 + P312 + P330 + P501 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Storage</b>	Not available.
<b>Disposal</b>	Not available.

**Section 3: Composition/Information on Ingredients****Substance/Mixture** Substance**Components** Dextromethorphan**% By Weight** >=98%**CAS#** 6700-34-1**Molecular Weight** 370.33 g/mole**Chemical Formula** C18H25NO.HBr.H2O**Synonym(s)** 3-Methoxy-17-methyl-9-alpha.13-alpha,14-alpha-morphinan hydrobromide; D-Methorphan hydrobromide monohydrate**Mixtures**

<b>Name</b>	<b>CAS#</b>	<b>% by Weight</b>	<b>TLV/PEL</b>	<b>LC50/LD50</b>
Dextromethorphan Hydrobromide USP Monohydrate	6700-34-1			

**Section 4: First-Aid Measures**

<b>Inhalation</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a Physician.
<b>Skin Contact</b>	Wash off with soap and plenty of water. Consult a physician.
<b>Eye Contact</b>	Flush eyes with water as a precaution.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
<b>Symptoms/Effects</b>	
<b>Acute</b>	Not available.
<b>Delayed</b>	Not available
<b>Immediate Medical Attention</b>	
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**

Formation of toxic gases is possible during heating or in case of fire. In case of fire, the following can be released: Nitrogen oxides (NOx)

**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: Wear protective equipment. Keep unprotected persons away  
Environmental precautions: Do not let product enter drains. Methods and materials for containment and cleaning up: Dispose contaminated material as waste according to item 13.

**Section 7: Handling and Storage**

Handling: Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Storage: BP/Ph.Eur.: Protected from light., USP: Preserve in tight containers., IP: Store protected from light.

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

<b>Exposure Limits</b>	Not available.
<b>Engineering Controls</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
<b>Personal Protection</b>	<p>Eye/face 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 protection :</p> <p>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. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Full contact Material: Nitrile rubber Minimum layer thickness: 0,11 mm Break through time: 480 min Splash contact Material: Nitrile rubber Minimum layer thickness: 0,11 mm Break through time: 480 min 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. 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(US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved Under appropriate government standards such as NIOSH (US) or CEN (EU). Control of environmental exposure: Do not let product enter drains.</p>

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### Section 9: Physical and Chemical Properties

<b>Appearance</b>	solid.		
<b>Odor</b>	Recognisable		
<b>Odor Threshold</b>	Not applicable		
<b>Melting Point</b>	around 125°C	<b>pH</b>	5.2-6.5
<b>Freezing Point</b>	Not applicable	<b>Vapor Pressure</b>	Not applicable.
<b>Boiling Point/Range</b>	Not available.	<b>Vapor Density</b>	Not available.
<b>Decomposition temperature</b>	Not applicable	<b>Viscosity</b>	Not available.
<b>Partition Coefficient: n-octanol/water</b>	Not available.	<b>Evaporation Rate</b>	Not applicable
<b>Flash Point</b>	Not available.	<b>Autoignition temperature</b>	Not applicable
<b>Flammability</b>	Not flammable	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	Not applicable
		<b>Upper</b>	Not applicable
<b>Solubility(ies)</b>	17 g/lit in water.		
<b>Other</b>	Not available.		

### Section 10: Stability and Reactivity

<b>Reactivity</b>	Reacts with alkali(lye), reacts with oxidizing agents
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Hazardous Polymerization</b>	Not available.
<b>Conditions to Avoid</b>	Not available.
<b>Incompatible Materials</b>	Strong oxidizing agent
<b>Hazardous Decomposition Products</b>	Hazardous decomposition products formed under fire Conditions. - Carbon oxides, Nitrogenoxides (NOx), Hydrogen Bromide gas

### Section 11: Toxicological Information

<b>RTECS</b>	QD0222000
<b>Acute Toxicity</b>	
LD50 Oral - Rat - 350 mg/kg	
<b>Skin Corrosion/Irritation</b>	
No irritant effect	
<b>Serious Eye Damage/Irritation</b>	
may have irritating effect	
<b>Respiratory or Skin Sensitization</b>	
Not available.	
<b>Germ Cell Mutagenicity</b>	
Not available.	
<b>Carcinogenicity</b>	
Not listed by ACGIH, IARC, NIOSH, NTP or OSHA	
<b>Reproductive Toxicity</b>	
Not available.	
<b>Routes of Entry</b>	
Inhalation. Ingestion.	

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**Symptoms Related to Exposure**

Not available

**Potential Health Effects**

Not available

**Target Organ(s)**

Not available

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

Products of Biodegradation: Possibly hazardous short-term degradation products are not likely. However, long-term degradation products may arise. Toxicity of the Products of Biodegradation: The products of degradation are as toxic as the product itself.

**Persistence and Degradability**

Not applicable

**Bioaccumulative Potential**

Not applicable

**Mobility in Soil**

Not applicable

**Other Adverse Effects**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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

Must be specially treated adhering to official regulations. Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**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**

Not available.

**Other**

Not available.

**Section 16: Other Information**

Not available.