

# SAFETY DATA SHEET



Humco Holding Group, Inc.  
7400 Alumax Dr  
Texarkana TX 75501 USA  
800-662-3435  
cs@humco.com  
www.humco.com

24-Hour Emergency Number (CHEMTREC)  
USA- 800-424-9300

All non-emergency calls should be directed to  
Customer Service at 800-662-3435

**NAME:** DEXTROMETHORPHAN HYDROBROMIDE MONOHYDRATE SDS NO.8322

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Dextromethorphan Hydrobromide Monohydrate

**Synonyms:** Dextromethorphani Hydrobromidum

**Recommended Use:** No relevant information available.

**Manufacturer / Supplier:** Humco Holding Group, Inc.

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## 2. HAZARD IDENTIFICATION

<b>Pictogram:</b>	
<b>Classification:</b>	Acute Tox. 4 Aquatic Acute 1 Aquatic Chronic 1
<b>Signal Word:</b>	Warning
<b>Hazard Statements:</b>	H302 Harmful if swallowed H400 Very toxic to aquatic life H410 Very toxic to aquatic life with long lasting effects

## 3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
DEXTROMETHORPHAN HYDROBROMIDE MONOHYDRATE	6700-34-1
DEXTROMETHORPHANI HYDROROMIDUM	

The exact percentage has been withheld as a trade secret

**4. FIRST-AID MEASURES**

<b>ROUTE</b>	<b>COMMON SYMPTOMS</b>	<b>FIRST AID</b>
<b>Inhalation</b>	Undetermined	Take affected person into fresh air and keep quiet. Seek medical treatment.
<b>Ingestion</b>	Undetermined	Immediately call a doctor.
<b>Skin</b>	Undetermined	Generally, the product does not irritate the skin.
<b>Eyes</b>	Undetermined	Rinse opened eye for several minutes under running water.

**5. FIRE-FIGHTING MEASURES**

<b>Flash Point:</b>	Not Applicable
<b>Auto Ignition:</b>	Undetermined
<b>Extinguishing Media:</b>	CO <sub>2</sub> , extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.
<b>Products of Combustion:</b>	Nitrogen oxides (NO <sub>x</sub> )
<b>Fire Fighting Equipment and Procedures:</b>	Wear self-contained respiratory protective device Wear fully protective suit

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions:</b>	Wear protective equipment. Keep unprotected persons away.
<b>Environmental Precautions:</b>	Do not allow to enter sewers/surface or ground water
<b>Method of Containment &amp; Clean-Up:</b>	Dispose contaminated material as waste according to item 13.

**7. HANDLING AND STORAGE**

<b>Handling:</b>	Prevent formation of dust.
<b>Storage:</b>	Store in cool, dry conditions in well-sealed receptacles. Protect from frost.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Engineering Controls:</b>	No further relevant information.
<b>Personal Protective Equipment (PPE)</b>	Protective work clothing.
<b>Eye/Face Protection:</b>	Not required
<b>Skin Protection:</b>	Protective gloves
<b>Respiratory Protection</b>	In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
<b>General Hygiene Considerations:</b>	Wash hands before breaks and at the end of work. Keep away from foodstuffs, beverages and feed. Be sure to clean skin thoroughly after work and before breaks.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Crystalline Powder, White	<b>Upper/Lower Flammability:</b>	Not Applicable
<b>Odor:</b>	Recognizable	<b>Vapor Pressure @ 795°C (1,463°F):</b>	Undetermined
<b>Odor Threshold:</b>	Undetermined	<b>Vapor Density:</b>	Not Applicable
<b>pH:</b>	5.2 – 6.5	<b>Density at 20°C (68°F):</b>	Undetermined
<b>Melting point /Freezing Point:</b>	~125° C (~257°F)	<b>Solubilities: (water)</b>	17 g/l (water)
<b>Boiling point/range:</b>	Undetermined	<b>Partition coefficient: n-octanol/water:</b>	Undetermined
<b>Flash point</b>	Not Applicable	<b>Auto-ignition temperature</b>	Undetermined
<b>Evaporation rate</b>	Not Applicable	<b>Decomposition Temperature:</b>	Undetermined
<b>Flammability:</b>	Product is not flammable	<b>Viscosity</b>	Not Applicable

**10. STABILITY AND REACTIVITY**

<b>Reactivity:</b>	
<b>Chemical Stability:</b>	No further relevant information available.
<b>Possibility of Hazardous reactions:</b>	Reacts with oxidizing agents. Reacts with alkali (lyes).
<b>Conditions to Avoid:</b>	No further relevant information available.
<b>Incompatible materials:</b>	No further relevant information available.
<b>Hazardous Decomposition Products:</b>	Carbon monoxide and carbon dioxide Hydrogen bromide

**11. TOXICOLOGICAL INFORMATION**

<b>Acute toxicity:</b>	
<b>Skin irritation:</b>	No irritant effect
<b>Eye contact damage:</b>	No irritating effect
<b>Respiratory damage:</b>	Undetermined
<b>Ingestion overdose:</b>	Undetermined
<b>Delayed, immediate, or chronic effects from short- and long-term exposure</b>	No further relevant information available.
<b>LD50</b>	<b>Dermal:</b> <b>Oral:</b>
	Undetermined 350 mg/kg (rat)
<b>Symptoms associated with exposure:</b>	No further relevant information available.
<b>Carcinogenicity:</b>	
<b>OSHA:</b>	Substance is not listed.
<b>NTP:</b>	Substance is not listed.
<b>IARC:</b>	Substance is not listed.

**12. ECOLOGICAL INFORMATION**

<b>Acute or chronic aquatic toxicity:</b>	EC50 (48h) IC50 (72h) LC50 (96h)	14.5 mg/l (Daphnia) 2.4 mg/l (Algen) 4.9 mg/l (Figh)
<b>Chemical degradation:</b>	No further relevant information available.	
<b>Biodegradation:</b>	No further relevant information available.	
<b>Bioaccumulation potential</b>	No further relevant information available.	
<b>Adsorption studies or leaching studies:</b>	No further relevant information available.	
<b>Other adverse effects</b>	Water hazard class 2: hazardous for water. Poisonous for fish and plankton in water bodies. Toxic for aquatic organisms.	

**13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with federal, state and local laws and regulations. Avoid release into environment. Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**14. TRANSPORT INFORMATION**

<b>DOT Hazard Classification</b>	
<b>UN number:</b>	UN3077
<b>UN proper shipping name:</b>	Environmentally hazardous substances, solid, n.o.s.
<b>Transport hazard class(es):</b>	9: Miscellaneous dangerous substances and articles
<b>Packing group number:</b>	III
<b>Environmental hazards:</b>	Void
<b>Special precautions:</b>	Warning: Miscellaneous dangerous substances and articles.

**15. REGULATORY INFORMATION**

No further relevant information available.

**16. OTHER INFORMATION**

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