

# 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:** APOMORPHINE HYDROCHLORIDE (HEMIHYDRATE) **SDS NO.8303**

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Apomorphine Hydrochloride (Hemihydrate)

**Synonyms:** Apomorphini Hydrochloridum

**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>	Resp. Sens. 1 Acute Tox. 4 Skin Sens. 1	
<b>Signal Word:</b>	Danger	
<b>Hazard Statements:</b>	H302 Harmful if swallowed H312 Harmful in contact with skin	H332 Harmful if inhaled H317 May cause an allergic skin reaction

## 3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
APOMORPHINE HYDROCHLORIDE (HEMIHYDRATE)	41372-20-7
APOMORPHINI HYDROCHLORIDUM	

The exact percentage has been withheld as a trade secret

#### 4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	Undetermined	Take affected persons into fresh air and keep quiet. Supply fresh air and be sure to call for a doctor. In case of unconsciousness place patient stably in side position for transport
Ingestion	Undetermined	Rinse out mouth and drink plenty of water. Immediately call a doctor.
Skin	Undetermined	Immediately wash with water and soap and rinse thoroughly.
Eyes	Undetermined	Rinse opened eye for several minutes under running water.

#### 5. FIRE-FIGHTING MEASURES

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

#### 6. ACCIDENTAL RELEASE MEASURES

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

#### 7. HANDLING AND STORAGE

Handling:	Thorough dedusting. Ensure good ventilation/exhaustion at the workplace.
Storage:	Store in cool, dry conditions in well-sealed receptacles.

## 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>	Tightly-sealed goggles
<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. Immediately remove all soiled and contaminated clothing. Avoid contact with eyes and skin. Clean skin thoroughly immediately after handling product. Do not eat, drink smoke or sniff while working.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Crystalline Powder, Whitish	<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>	4.0 – 5.0	<b>Density at 20°C (68°F):</b>	Undetermined
<b>Melting point /Freezing Point:</b>	225° C (437° F)	<b>Solubilities: (water)</b>	20 g/l
<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 strong oxidizing agents Reacts with strong alkali Risk of dust explosion
<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 Chloride (HCl) Nitrogen Oxides (NOx)

**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 5011 mg/kg (mus)
<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>	No further relevant information available.
<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 3: extremely hazardous for water.

**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>	Void
<b>UN proper shipping name:</b>	Void
<b>Transport hazard class(es):</b>	Void
<b>Packing group number:</b>	Void
<b>Environmental hazards:</b>	Void
<b>Special precautions:</b>	Void

**15. REGULATORY INFORMATION**

No further relevant information available.

**16. OTHER INFORMATION**

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