

# 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: CLONIDINE HYDROCHLORIDE**

**SDS NO.8132**

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Clonidine Hydrochloride

**Synonyms:** Clonidini Hydrochloridum

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

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


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## 2. HAZARD IDENTIFICATION

<b>Pictogram:</b>	 GHS06
<b>Classification:</b>	Acute Tox. 3 Acute Tox. 1
<b>Signal Word:</b>	Danger
<b>Hazard Statements:</b>	H301 Toxic if swallowed. H330 Fatal if inhaled.

### 3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
CLONIDINE HYDROCHLORIDE CLONIDINI HYDROCHLORIDUM	4205-91-8

The exact percentage has been withheld as a trade secret

### 4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	Not determined	Supply fresh air; call for doctor. In case of irregular breathing or respiratory arrest provide artificial respiration.
Ingestion	Not determined	Call a doctor immediately. Do not induce vomiting; immediately call for help.
Skin	Not determined	Seek medical treatment. Immediately wash with water and soap thoroughly.
Eyes	Not determined	Rinse opened eye for several minutes under running water. Then consult a doctor.

### 5. FIRE-FIGHTING MEASURES

Flash Point:	Not applicable
Auto Ignition:	Not determined
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 breathing apparatus and protective clothing to prevent contact with skin and eyes. Mouth respiratory protective device.

### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Ensure adequate ventilation. Mouth respiratory device.
Environmental Precautions:	Do not allow to enter sewers/surface or ground water.
Method of Containment:	Ensure adequate ventilation
Method for Clean-Up:	See section 13 for disposal information.

## 7. HANDLING AND STORAGE

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

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Engineering Controls:</b>	Normal room ventilation is usually adequate under normal use.
<b>Personal Protective Equipment (PPE)</b>	Protective work clothes
<b>Eye/Face Protection:</b>	Not required.
<b>Skin Protection:</b>	Protective gloves
<b>Respiratory Protection</b>	Filter P3
<b>General Hygiene Considerations:</b>	Be sure to clean skin thoroughly after work and before breaks. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Store protective clothing separately.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Whitish	<b>Upper/Lower Flammability:</b>	Not Applicable
<b>Odor:</b>	Odorless	<b>Vapor Pressure</b>	Not Applicable
<b>Odor Threshold:</b>	Not Determined	<b>Vapor Density:</b>	Not Applicable
<b>pH:</b>	4.0-5.0	<b>Relative Density:</b>	Not Determined
<b>Melting point /Freezing Point:</b>	Not Determined	<b>Solubilities:</b>	~50 g/l in water at 20°C
<b>Boiling point/range:</b>	Not Determined	<b>Partition coefficient: n-octanol/water:</b>	Not Determined
<b>Flash point</b>	Not Applicable	<b>Auto-ignition temperature</b>	Not Determined
<b>Evaporation rate</b>	Not Applicable	<b>Decomposition Temperature:</b>	Not Determined
<b>Flammability:</b>	Not Applicable	<b>Viscosity</b>	Not Applicable

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Not Determined
<b>Chemical Stability:</b>	Not Determined
<b>Possibility of Hazardous reactions:</b>	Reacts with strong oxidizing agents.
<b>Conditions to Avoid:</b>	No further relevant information available.
<b>Incompatible materials:</b>	No further relevant information available.
<b>Hazardous Decomposition Products:</b>	Nitrogen oxides (NO <sub>x</sub> ) Hydrogen chloride (HCl)

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity:</b>	Toxic if swallowed. Fatal if inhaled.
<b>Skin irritation:</b>	No irritating effect.
<b>Eye contact damage:</b>	No irritant effect.
<b>Respiratory damage:</b>	Not Determined
<b>Ingestion overdose:</b>	Not Determined
<b>Delayed, immediate, or chronic effects from short- and long-term exposure</b>	Not Determined
<b>LD50</b>	126 mg/kg (rat)
<b>Symptoms associated with exposure:</b>	Not Determined
<b>Carcinogenicity:</b>	Not Determined
<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>	Not Determined
<b>Other adverse effects</b>	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>	Hazardous
<b>UN number:</b>	UN2811
<b>UN proper shipping name:</b>	Toxic solids, organic, n.o.s.
<b>Transport hazard class(es):</b>	6.1 Toxic substances
<b>Packing group number:</b>	I
<b>Environmental hazards:</b>	Not applicable
<b>Special precautions:</b>	Warning: Toxic substances

## **15. REGULATORY INFORMATION**

**No further relevant information available.**

## **16. OTHER INFORMATION**

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