

# 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: HYDROQUINONE

SDS NO.8127

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Hydroquinone

**Synonyms:** Hydroquinonum

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

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





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## 2. HAZARD IDENTIFICATION

<b>Pictogram:</b>	    GHS07                      GHS05                      GHS09                      GHS08
<b>Classification:</b>	Muta. 2 Carc. 2 Eye Dam. 1 Aquatic Acute 1 Acute Tox. 4 Skin Sens. 1
<b>Signal Word:</b>	Danger
<b>Hazard Statements:</b>	H302 Harmful if swallowed. H318 Causes serious eye damage. H317 May cause an allergic skin reaction. H341 Suspected of causing genetic defects. H351 Suspected of causing cancer. H400 Very toxic to aquatic life.

### 3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
HYDROQUINONE HYDROQUINONUM	123-31-9

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 and call a doctor. In case of unconsciousness place patient stably in side position for transportation.
Ingestion	Not determined	Rinse out mouth and then drink plenty of water. Seek medical treatment. Immediately call a doctor.
Skin	Not determined	Seek medical treatment. Immediately wash with water and soap and rinse thoroughly.
Eyes	Not determined	Rinse opened eye for several minutes under running water.

### 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:	Formation of toxic gases is possible during heat or in case of fire.
Fire Fighting Equipment and Procedures:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### 6. ACCIDENTAL RELEASE MEASURES

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

## 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>	Tightly sealed goggles.
<b>Skin Protection:</b>	Protective gloves
<b>Respiratory Protection</b>	Suitable respiratory device recommended.
<b>General Hygiene Considerations:</b>	The usual precautionary measures for handling chemicals should be followed.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Whitish	<b>Upper/Lower Flammability:</b>	Not Applicable
<b>Odor:</b>	Nearly Odorless	<b>Vapor Pressure</b>	0.13 hPa
<b>Odor Threshold:</b>	Not Determined	<b>Vapor Density:</b>	
<b>pH:</b>	3.75	<b>Relative Density:</b>	Not Determined
<b>Melting point /Freezing Point:</b>	172-176°C (342-349°F)	<b>Solubilities:</b>	Not Determined
<b>Boiling point/range:</b>	287°F (549°F)	<b>Partition coefficient: n-octanol/water:</b>	0.59 log POW (Experimental)
<b>Flash point</b>	165°C (329°F)	<b>Auto-ignition temperature</b>	516°C(961°F)
<b>Evaporation rate</b>	Not Applicable	<b>Decomposition Temperature:</b>	>170°C(>338°F)
<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. Reacts with alkali (lyes) Risk of dust explosion Reacts with aluminum at raised temperatures.
<b>Conditions to Avoid:</b>	No further relevant information available.
<b>Incompatible materials:</b>	No further relevant information available.
<b>Hazardous Decomposition Products:</b>	No hazardous decomposition products known.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity:</b>	Not Determined
<b>Skin irritation:</b>	No irritating effect.
<b>Eye contact damage:</b>	Strong irritant with the danger of severe eye injury
<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 (oral)</b>	29 mg/kg (Hum) 302 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>	1,4 - dihydroxybenzene

**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>	The product is easily biodegradable.
<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. Poisonous for fish and plankton in water bodies. Very 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>	Hazardous
<b>UN number:</b>	UN3077
<b>UN proper shipping name:</b>	Environmentally hazardous substances, solid, n.o.s. Hydroquinone
<b>Transport hazard class(es):</b>	9 Miscellaneous dangerous substances and articles
<b>Packing group number:</b>	III
<b>Environmental hazards:</b>	Marine pollutant
<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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