

# MATERIAL SAFETY DATA SHEET

Quinhydrone, 97%

## SECTION 1 . Product and Company Identification

Product Name and Synonym: Quinhydrone, 97%  
Product Code: Q4601  
Material Uses:  
Manufacturer: Science Stuff  
1104 Newport Ave  
Austin, TX 78753  
(512) 837-6020  
Entry Date : 6/18/2013  
Print Date: 6/18/2013  
24 Hour Emergency Assistance : Chemtrec 800-424-9300  
Canutec 613-996-6666

Health:	3
Flammability:	0
Reactivity:	0
Hazard Rating: Least Slight Moderate High Extreme 0 1 2 3 4 NA=Not Applicable NE=Not Established	

## SECTION 2 HAZARD IDENTIFICATION

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

## SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Quinhydrone, 97%	CAS#: 106-34-3	97%	W/W	

## SECTION 4 FIRST AID MEASURES

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

FIRST AID: SKIN: Remove contaminated clothing. Wash exposed area with soap and water. if irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

## SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type: Water spray, Carbon dioxide, dry chemical, powder, foam.  
Fire / Explosion Hazards: Emits toxic fumes under fire conditions.  
Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

Sweep up and place in suitable (fiberboard) containers for

Quinhydrone, 97%

reclamation or later disposal.

**SECTION 7 HANDLING AND STORAGE**

Keep container tightly closed. Air and light sensitive.

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection: NIOSH/MSHA-approved respirator

Ventilation

Local Exhaust

Mechanical

Protective Gloves: Gloves to prevent exposure

Eye Protection: Splash Goggles

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Melting Point:	173°C	Percent Volatile by Volume:	0
Boiling Point:	286.2°F	Evaporation Rate	not applicable
Vapor Pressure:	1mm@132.4°F	Evaporation Standard	Not Applicable
Vapor Density:	3.81	Auto Ignition Temp	Not applicable
Solubility in Water:	information not available	Lower Flamm. Limit in Air	Not applicable
Appearance /Odors:	green metallic powder	Upper Flamm. Limit in Air	Not applicable
Flash Point:	329°F		
Specific Gravity:	information not available		

**SECTION 10 STABILITY AND REACTIVITY INFORMATION**

Stability: Stable

Conditions to Avoid: light, air and heat

Materials to Avoid: Strong oxidizing agents

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide.

Hazardous polymerization: Will Not Occur

Conditions to Avoid: None known

**SECTION 11 Toxicological Information**

**SECTION 12 Ecological Information**

**SECTION 13 Disposal Considerations**

**SECTION 14 Transport Information**

DOT Classification: Not Regulated

Quinhydrone, 97%

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

**SECTION 15 Regulatory Information**

**SECTION 16 Additional Information**

DANGER!! This material can produce toxic fumes. WARNING!! This material can be harmful if absorbed through the skin use all safety measures. Effects of over exposure: irritation of the eyes, skin and upper respiratory tract. Harmful if swallowed or absorbed through the skin. Acute: irritation of the eyes, skin and upper respiratory tract are more severe. Chronic: none are listed by the manufacturer. Please note that it is stated that this material has not yet been fully investigated. Target organs: eyes, skin, upper respiratory tract. Conditions aggravate/target organs. Persons with pre-existing eye, skin or respiratory conditions may be more susceptible.

Flammability

Health

Reactivity

Revisions

NFPA

0.1

The information herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty either expressed or implied is made for the completeness or accuracy of the information whether originating from the above mentioned company or not. Users of this material should satisfy themselves by independent investigation of current scientific and medical knowledge that the material can be used safely.