

# MATERIAL SAFETY DATA SHEET

Mercuric Chloride

## SECTION 1 . Product and Company Identification

Product Name and Synonym: Mercuric Chloride  
Product Code: M2127  
Material Uses:  
Manufacturer: Science Stuff  
1104 Newport Ave  
Austin, TX 78753  
(512) 837-6020  
Entry Date : 6/11/2013  
Print Date: 6/11/2013  
24 Hour Emergency Assistance : Chemtrec 800-424-9300  
Canutec 613-996-6666

Health:	4
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 fatal if inhaled, swallowed or absorbed thru the skin Avoid all contact. Use with adequate ventilation. Wash thoroughly after use. Keep container closed.

## SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Mercuric Chloride	CAS# 7487-94-7	100%	W/W	OSHA TWA 0.1 mg/mf

## SECTION 4 FIRST AID MEASURES

May be fatal if inhaled, swallowed or absorbed thru the skin Avoid all contact. Use with adequate ventilation. Wash thoroughly after use. Keep container closed.

FIRST AID: CALL A PHYSICIAN. SKIN: In case of contact, immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse.

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: Carbon Dioxide, dry chemical powder or appropriate foam.and water spray  
Fire / Explosion Hazards: Negligible fire hazard when exposed to heat or flame  
Fire Fighting Procedure: Use water spray to cool fire exposed containers.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

Wear Protective equipment. Sweep up, place in a bag and hold

Mercuric Chloride

for waste disposal.

**SECTION 7 HANDLING AND STORAGE**

Keep away from heat and flame. Do not get in eyes, on skin, on clothing. Use with adequate ventilation.EXTREMELY TOXIC!!

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection: NIOSH/MSHA-approved respirator

Ventilation

Local Exhaust

Mechanical

Protective Gloves: NIOSH Approved Gloves

Eye Protection: Splash Goggles

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure.EXTREMELY TOXIC!!

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Melting Point:	275-287°C	Percent Volatile by Volume:	0%
Boiling Point:	301-304°C	Evaporation Rate	info not available
Vapor Pressure:	1.3mmHg@23 6°C	Evaporation Standard	N/A
Vapor Density:	8.7	Auto Ignition Temp	info not available
Solubility in Water:	6.9%@20°C 48% @100°C	Lower Flamm. Limit in Air	info not available
Appearance /Odors:	oderless,white crstalline powder	Upper Flamm. Limit in Air	info not available
Flash Point:	info not available		
Specific Gravity:	5.440		

**SECTION 10 STABILITY AND REACTIVITY INFORMATION**

Stability:	Stable
Conditions to Avoid:	High temperatures, Acids, Heavy Metals, Halogens.
Materials to Avoid:	Metals,alkalis strong bases.
Hazardous Decomposition Products:	Mercury compounds
Hazardous polymerization:	info not available
Conditions to Avoid:	info not available

**SECTION 11 Toxicological Information**

**SECTION 12 Ecological Information**

**SECTION 13 Disposal Considerations**

**SECTION 14 Transport Information**

Mercuric Chloride

DOT Classification: UN1624, Mercuric Chloride, 6.1, PG II

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**

HIGHLY TOXIC!!! Exposure:wash affected area with mild soap and water and large amounts of water.inhal:acute exposure may cause almost immed dyspnea immediately remove person to fresh air. Eye exposure:wash eyes immed. With large amounts of water for at least 15-20 min. In all cases seek medical attention. Conditionsaggravated/target organs.persons with pre-existing eye,skin or respiratory conditions may be more susceptible.

Flammability

Health

Reactivity

Revisions

NFPA

0.1

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