

MATERIAL SAFETY DATA SHEET

Mercuric Chloride

SECTION 1 . Product and Company Identification

Product Name and Synonym: Mercuric Chloride

Product Code: M2129

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:

Conditions to Avoid: High temperatures, Acids, Heavy Metals, Halogens.

Materials to Avoid: Metals,alkalis strong bases.

Hazardous Decomposition Products: Not known to occur

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 immed 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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