

MATERIAL SAFETY DATA SHEET

Lead Oxide, Yellow (Litharge)

SECTION 1 . Product and Company Identification

Product Name and Synonym: Lead Oxide, Yellow (Litharge)
Product Code: L3396
Material Uses:
Manufacturer: Science Stuff
1104 Newport Ave
Austin, TX 78753
(512) 837-6020
Entry Date : 6/10/2013
Print Date: 6/10/2013
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 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 checked="" type="checkbox"/>	Lead Oxide, Yellow (Litharge)	CAS# 1317-36-8	100%	W/W	

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: Remove contaminated clothing. Wash exposed area with soap and water.

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: Any means suitable for extinguishing surrounding fire
Fire / Explosion Hazards: This material may emit toxic fumes of lead 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

Employ a vacuum equipped with HEPA filter. If no vacuum is

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available, use a broom and shovel to collect excess powder.
Use wet sweeping to avoid raising dust.

SECTION 7 HANDLING AND STORAGE

Wear ppe. Avoid creating dust. Store in a cool, dry, well ventilated area. Avoid contact with oxidizers and chemically active metals as violent reactions can occur.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: NIOSH/MSHA-approved respirator
Ventilation
Local Exhaust
Mechanical
Protective Gloves: Leather or rubber gloves and full body coveralls
Eye Protection: Chemical/safety impact goggles
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	888 C (16630 F)	Percent Volatile by Volume:	0
Boiling Point:	1477°C (2691°F)	Evaporation Rate	n/a
Vapor Pressure:	10 @1085°C	Evaporation Standard	
Vapor Density:	n/a	Auto Ignition Temp	Not applicable
Solubility in Water:	0.0017 g/100cc	Lower Flamm. Limit in Air	Not applicable
Appearance /Odors:	Odorless yellow powder or tan or orange granule	Upper Flamm. Limit in Air	Not applicable
Flash Point:	not flammable		
Specific Gravity:	information not available		

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable
Conditions to Avoid:
Materials to Avoid: Reacts with hydrogen peroxide and other strong oxidizers. Do not heat in presence of aluminum, sodium or potassium metal
Hazardous Decomposition Products: None anticipated
Hazardous polymerization: Will Not Occur
Conditions to Avoid: None known

SECTION 11 Toxicological Information

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SECTION 12 Ecological Information

SECTION 13 Disposal Considerations

SECTION 14 Transport Information

DOT Classification: Not Regulated

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

TOXIC! Overexposure through inhalation or ingestion could cause damage to the blood or nervous, digestive and / or renal systems. Use NIOSH approved respirator when handling.

Flammability

Health

Reactivity

Revisions

NFPA

0.1

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