

# MATERIAL SAFETY DATA SHEET

Lead Oxide, Yellow (Litharge)

## SECTION 1 . Product and Company Identification

Product Name and Synonym: Lead Oxide, Yellow (Litharge)

Product Code: L3399

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	ACGUG TKV-TWA 0.05 MG(PB)/M3

## 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: Water spray, Carbon dioxide, dry chemical, powder, foam.

Fire / Explosion Hazards:

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

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**SECTION 7 HANDLING AND STORAGE**

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection: NIOSH/MSHA-approved respirator  
Ventilation  
Local Exhaust   
Mechanical   
Protective Gloves: Gloves to prevent skin exposure as rubber or vinyl  
Eye Protection: Splash Goggles  
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Melting Point:	Information not available	Percent Volatile by Volume:	0
Boiling Point:	Information not available	Evaporation Rate	not applicable
Vapor Pressure:	Information not available	Evaporation Standard	
Vapor Density:	Information not available	Auto Ignition Temp	Not applicable
Solubility in Water:	insoluble	Lower Flamm. Limit in Air	Not applicable
Appearance /Odors:	yellow powder	Upper Flamm. Limit in Air	Not applicable
Flash Point:	not flammable		
Specific Gravity:	not available		

**SECTION 10 STABILITY AND REACTIVITY INFORMATION**

Stability: Stable  
Conditions to Avoid: incompatibilitites, including oxidizers.  
Materials to Avoid: Aluminum,Zirconium, Halogens, SO3, boron, silicon,zinc,  
Hazardous Decomposition Products: Lead compounds  
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**

Lead Oxide, Yellow (Litharge)

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, may impair fertility. Harmful by inhalation, ingestion or absorption by skin. Possible Mutagen. Possible teratagen. Target organs: skin, blood. Can explode if mixed with finely ground aluminum or zirconium. Excessive exposure can affect blood, nervous and digestive systems. If left untreated, possible paralysis and encephalopathy can result. Symptoms of exposure include: Joint and muscle pain, weakness of the extensor muscles, headache, dizziness, diarrhea, constipation, vomiting, blue line of the gums, brain damage, stupor leading to death.

Flammability

Health

Reactivity

Revisions

NFPA

0.1

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