

PRMI

# MATERIAL SAFETY DATA SHEET

IN CASE OF EMERGENCY CALL CHEM-TREC 1-800-424-9300

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## LEAD OXIDE RED

### 1. Product Identification

Synonyms: Lead oxide; lead tetraoxide; minium red lead; mineral red; Saturn red  
CAS No.: 1314-41-6  
Molecular Weight: 685.60  
Chemical Formula: Pb3O4

PRODUCT NUMBER: 2277

### 2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Lead Tetraoxide	1314-41-6	98 - 100%	Yes

### 3. Hazards Identification

#### Emergency Overview

**POISON! DANGER! MAY BE FATAL IF SWALLOWED OR INHALED. OXIDIZER. CONTACT WITH OTHER MATERIAL MAY CAUSE FIRE. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. NEUROTOXIN. AFFECTS THE GUM TISSUE, CENTRAL NERVOUS SYSTEM, KIDNEYS, BLOOD AND REPRODUCTIVE SYSTEM.**

SAF-T-DATA<sup>(tm)</sup> Ratings (Provided here for your convenience)

Health Rating: 3 - Severe (Poison)  
Flammability Rating: 0 - None  
Reactivity Rating: 3 - Severe (Oxidizer)  
Contact Rating: 2 - Moderate (Life)  
Lab Protective Equip: GOGGLES & SHIELD; LAB COAT & APRON; VENT HOOD;  
PROPER GLOVES  
Storage Color Code: Yellow (Reactive)

#### Potential Health Effects

##### Inhalation:

Lead can be absorbed through the respiratory system. Local irritation of bronchia and lungs can occur and, in cases of acute exposure, symptoms such as metallic taste, chest and abdominal pain, and increased lead blood levels may follow. See also Ingestion.

##### Ingestion:

POISON! The symptoms of lead poisoning include abdominal pain and spasms, nausea,