



SAFETY DATA SHEET

ProChemOnline.com



SECTION 1 PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: **Lead (II) Oxalate**

PRODUCT NUMBER: 2263

CAS NUMBER: 814-93-7

MANUFACTURER:

ProChem, Inc.
826 Roosevelt Road
Rockford, IL 61109

PHONE: 815-398-1788
TOLL FREE: 800-795-8788

IN CASE OF TRANSPORTATION EMERGENCY CONTACT CHEM-TREC: 1-800-424-9300

SECTION 2 HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE OR MIXTURE

Pictogram



Signal Word

Danger

Hazard Statements

H302+H332	Harmful if swallowed or if inhaled.
H360	May damage fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.

Precautionary Phrases

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathing dust/fume/gas/mist/vapors/spray.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release into the environment.
P281	Use personal protective equipment as required.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P302 + P352 +P312	IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

HMIS CLASSIFICATION:

Health: 2 Fire: 0 Reactivity Hazard: 1

NFPA RATING:

Health: 2 Flammability: 0 Reactivity Hazard: 1

SECTION 2 HAZARDS IDENTIFICATION (Cont.)

EYE CONTACT: May cause serious eye damage.

SKIN CONTACT: Harmful in contact with skin.

INHALATION: Harmful through inhalation.

INGESTION: Harmful if swallowed.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Formula: PbC_2O_4

Molecular Weight: 295.22

CHEMICAL NAME	CAS#	%
Lead (II) Oxalate	814-93-7	100

SECTION 4 FIRST AID MEASURES

EYE EXPOSURE: Rinse with plenty of water for at least 15 minutes. Seek medical attention.

SKIN EXPOSURE: Immediately wash with soap and water. Seek medical attention.

INHALATION: Remove to fresh air and keep at rest. Seek medical attention immediately.

INGESTION: Get medical attention immediately.

SECTION 5 FIREFIGHTING MEASURES

FLASH POINT: Not available

AUTO IGNITION TEMPERATURE: Not available

EXPLOSION LIMITS: Product does not present an explosion hazard.

EXTINGUISHING MEDIUM: Carbon dioxide, extinguishing powder, or water spray. Fight large fires with water spray or alcohol resistant foam.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS: Lead oxide and carbon oxides

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear all appropriate equipment when using this material. Ensure adequate ventilation. Keep unprotected persons away.

ENVIRONMENTAL PRECAUTIONS: Prevent spillage from entering drains or allowing to be released into the environment.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Sweep up and place in a suitable container for proper disposal.

SECTION 7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Wear appropriate personal protective equipment. Avoid contact with skin and eyes. Use with adequate ventilation. Avoid formation of dusts and aerosols.

CONDITIONS FOR SAFE STORAGE: Store in cool, dry, and well-ventilated area. Keep away from incompatible materials.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE CONTROLS:

Component	Exposure Limits	Basis	Entity
Lead (II) Oxalate	100 mg/m ³	IDLH	NIOSH IDLH
	0.05 mg/m ³	TWA	NIOSH IDLH

NIOSH: National Institute for Occupational Safety and Health

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION (Cont.)

EYE PROTECTION: Wear chemical safety glasses or goggles and face shield.

SKIN PROTECTION: Wear nitrile or rubber gloves, and a complete suit protecting against chemicals.

VENTILATION: Provide local exhaust, preferably mechanical.

RESPIRATOR: Use an approved respirator.

ADDITIONAL PROTECTION: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

COLOR AND FORM: White solid

ODOR: None

MOLECULAR WEIGHT: 295.22

BOILING POINT: No data available

MELTING POINT: 300° C (dec.)

SPECIFIC GRAVITY: 5.28

VAPOR DENSITY: No data available

SOLUBILITY IN WATER: Slightly soluble

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Exposure to air or moisture over prolonged periods

INCOMPATIBILITY: Oxidizing agents

DECOMPOSITION PRODUCTS: Carbon oxides and lead oxides

SECTION 11 TOXICOLOGICAL DATA

ACUTE TOXICITY: Not available

CARCINOGENIC EFFECTS: Possible human carcinogen

MUTAGENIC EFFECTS: Not available

TETRAOGENIC EFFECTS: Not available

CHRONIC TOXICITY: Chronic exposure may cause nausea and vomiting. High exposure causes unconsciousness

RTECS: No data

Lead and lead compounds may cause abdominal pain, diarrhea, loss of appetite, metallic taste, nausea, vomiting, lassitude, insomnia, muscle weakness, joint and muscle pain, irritability, headache, and dizziness. Red blood cells may be damaged resulting in anemia. Gastritis and injury to the kidneys, liver, male gonads, and central nervous system may also occur. Oxalates are powerful irritants and corrosive to tissue. They have a caustic effect on the mouth, esophagus, and stomach. Readily absorbed, they can cause severe kidney damage.

To the best of our knowledge the toxicological effects of this compound have not been fully investigated.

SECTION 12 ECOLOGICAL DATA

AQUATIC VERTEBRATE: LC50 – Brook trout – 4.1mg/L – 96h. LC50 – fathead minnow – 6.5mg/L – 96h.

AQUATIC INVERTEBRATE: LC50 – Water flea – 600µg/L – 48h.

TERRESTRIAL: Not available

Do not allow product to reach groundwater, watercourse, or swage system. Danger to drinking water if even small quantities leak into the ground. Also poisonous for fish and plankton in water bodies. May cause long lasting harmful effects to aquatic life. Avoid transfer into the environment.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in according to local, state, and federal regulations

SECTION 14 TRANSPORTATION DATA

DOT: UN2291

Lead compounds, soluble, n.o.s.

(Lead (II) Oxalate)

CLASS 6.1

PG III

IATA: UN2291

Lead compound, soluble, n.o.s.

(Lead (II) Oxalate)

CLASS 6.1

PG III

SECTION 15 REGULATORY INFORMATION

SARA (TITLE 313): Lead Oxalate

CALIFORNIA PROP. 65: Lead Oxalate

MASSACHUSETTS RIGHT TO KNOW COMPONENTS: Lead Oxalate

NEW JERSEY RIGHT TO KNOW COMPONENTS: Lead Oxalate

PENNSYLVANIA RIGHT TO KNOW COMPONENTS: Lead Oxalate

SECTION 16 OTHER INFORMATION

DISCLAIMER: The information herein is believed to be accurate and reliable as of the date compiled. However, ProChem, Inc. makes no representation, warranty, or guarantee of any kind with respect to the information in this document or any use of the product based on the information.

DATE REVISED: 05/26

REVISION SUMMARY: The fax number was removed. All other details in the document about the product remain unchanged.

SDS DEPT.