

# MATERIAL SAFETY DATA SHEET

Manufacturer: ProChem Inc.  
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Rockford IL 61109

CUSTOMER SERVICE: (800) 795-8788  
CHEMTREC (EMERGENCY ONLY): (800) 424-9300  
POISON CENTER: (800) 562-8236

## SECTION 1 Product Identification

**CHEMICAL NAME:** Lead (II) hexafluoroacetylacetonate, min. 98%

**CAS REGISTRY NUMBER:** 19648-88-5

**FORMULA:** Pb(CF<sub>3</sub>COCHCOCF<sub>3</sub>)<sub>2</sub>

**EINECS NUMBER:** none

**CHEMICAL FAMILY:** metal fluorobeta-diketonate complexes

**SYNONYM:** Bis(1,5-bistrifluoromethyl-2,4-pentanedionato)lead (II)

## SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	19648-88-5	100	0.05mg/m <sup>3</sup> (as Pb) 2.5mg/m <sup>3</sup> (as F)	0.05mg/m <sup>3</sup> (as Pb) 2.5mg/m <sup>3</sup> (as F)

## SECTION 3 Hazards Identification

**EMERGENCY OVERVIEW:** Harmful by inhalation and if swallowed. May cause harm to the unborn child. Danger of cumulative effects. Possible risk of impaired fertility. May cause cancer.

**PRIMARY ROUTES OF EXPOSURE:** Ingestion, skin, inhalation of dust.

**EYE CONTACT:** May cause slight to mild irritation of the eyes.

**SKIN CONTACT:** The dust may cause slight to mild irritation of the skin.

**INHALATION:** Harmful by inhalation. Large dust exposure may cause seizures, coma, and cardio respiratory arrest.

**INGESTION:** Harmful if swallowed. Ingestion of dust may lead to dizziness, abdominal cramps, vomiting, bloody diarrhea, weakness, and convulsions.

**ACUTE HEALTH EFFECTS:** Harmful by inhalation and if swallowed. May cause harm to the unborn child. Danger of cumulative effects.

**CHRONIC HEALTH EFFECTS:** Possible risk of impaired fertility. May cause cancer. The chronic effects include diarrhea, loss of appetite, insomnia, weakness, muscle pain, headache, dizziness, anemia. The subject of chronic lead poisoning can not be adequately addressed in this document.

**NTP:** No

**IARC:** No

**OSHA:** No

## SECTION 4 First Aid Measures

**EYE EXPOSURE:** Immediately flush the eyes with copious amounts of water for at least 10-15 minutes. A victim may need assistance in keeping their eye lids open. Get immediate medical attention.

**SKIN EXPOSURE:** Wash the affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.

**INHALATION:** Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance.

**INGESTION:** Seek medical attention immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.