

MATERIAL SAFETY DATA SHEET

24HR. EMERGENCY PHONE # CHEM-TREC 1-800-424-9300

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SECTION 1 Product Identification

CHEMICAL NAME: Lead (II) bromide

CAS#: 10031-22-8

FORMULA: PbBr₂

SYNONYM: Lead dibromide

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	10031-22-8	100	0.05mg/m ³ (as Pb)	0.05mg/m ³ (as Pb)

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: Lead salts are cumulative poisons. Chronic effects are severe and include diarrhea, loss of appetite, muscle pain, headache, anemia, brain damage, and reproductive disorders. May cause cancer.

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

EYE CONTACT: May cause moderate irritation of the eyes.

SKIN CONTACT: May cause moderate irritation of the skin and dermatitis. Contact through a break in the skin can induce an allergic reaction.

INHALATION: Large dust exposure may cause encephalopathy, then seizures, coma, and cardiorespiratory distress.

INGESTION: Ingestion may lead to dizziness, abdominal cramps, vomiting, bloody diarrhea, metallic taste, weakness, and convulsions.

CHRONIC HEALTH EFFECTS: The chronic effects of lead poisoning include diarrhea, loss of appetite, muscle pain, headache, dizziness, anemia, brain damage, and reproductive disorders. The subject of chronic lead poisoning can not be adequately addressed in this document.

ACUTE HEALTH EFFECTS: Exposure may cause abdominal pain, loss of appetite, muscle weakness, headache, joint pain, metallic taste, and encephalopathy (swelling of the brain).

SECTION 4 First Aid Measures

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water for at least 15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate competent medical attention.

SKIN EXPOSURE: Wash affected area with water. Remove contaminated clothes if necessary. Seek medical