

MATERIAL SAFETY DATA SHEET

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

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SECTION 1 Product Identification

CHEMICAL NAME: Copper (I) bromide
CAS#: 7787-70-4
FORMULA: CuBr
SYNONYM: cuprous bromide

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	7787-70-4	100	no data	no data

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: Copper compounds may be irritating to the skin, eyes and respiratory tract.
PRIMARY ROUTES OF EXPOSURE: Ingestion, inhalation
EYE CONTACT: May cause slight to mild irritation of the eyes
SKIN CONTACT: May cause slight to mild irritation of the skin.
INHALATION: The material is a fire powder. May be irritating to the nose, mucous membranes and respiratory tract, and cause metal fume fever.
INGESTION: Ingestion of copper compounds may lead to vomiting, exhaustion, anemia, convulsions and coma.
CHRONIC HEALTH EFFECTS: The dust of copper compounds may cause metal fume fever, hemolysis of the red blood cells and injury to the liver, lungs, kidneys, and pancreas.
ACUTE HEALTH EFFECTS: Irritating to skin, eyes and respiratory tract. Inhalation may cause chills, muscle ache, nausea, fever and dry throat.

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 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 assistance immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.