

# MATERIAL SAFETY DATA SHEET

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

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## SECTION 1 Product Identification

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**CHEMICAL NAME:** Barium tungstate  
**CAS #:** 7787-42-0  
**FORMULA:** BaWO<sub>4</sub>  
**SYNONYM:** Tungstic acid barium salt

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## SECTION 2 Composition and Information on Ingredients

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INGREDIENT:	CAS #	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	7787-42-0	100	0.5mg/m <sup>3</sup> (as Ba)	0.5mg/m <sup>3</sup> (as Ba)

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## SECTION 3 Hazards Identification

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**EMERGENCY OVERVIEW:** No notable hazards reported for this particular material. Unrecognized hazards may nevertheless be present. Dust may be irritating to the respiratory tract, skin and eyes.

**PRIMARY ROUTES OF EXPOSURE:** Ingestion

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

**SKIN CONTACT:** May cause slight to mild irritation of the skin.

**INHALATION:** May be irritating to the nose, mucous membranes and respiratory tract.

**INGESTION:** Ingestion of small amounts not likely to cause harmful effects.

**CHRONIC HEALTH EFFECTS:** Long term exposure to dust may cause baritosis, a benign pneumoconiosis

**ACUTE HEALTH EFFECTS:** May be irritating to skin, eyes and respiratory tract.

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## SECTION 4 First Aid Measures

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**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.