

MATERIAL SAFETY DATA SHEET

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

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SECTION 1 Product Identification

CHEMICAL NAME: Tellurium oxide
CAS #: 7446-07-3
FORMULA: TeO₂

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS #	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	7446-07-3	100	0.1 mg/m ³ (as Te)	0.1 mg/m ³ (as Te)

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: Inhalation or ingestion of dust may cause garlic breath, sweating; dry mouth, metallic taste; drowsiness; anorexia, nausea, and in high doses, cyanosis and death.

PRIMARY ROUTES OF EXPOSURE: Contact with skin and eyes. Dust inhalation and ingestion.

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

SKIN CONTACT: The dust may cause mild irritation of the skin and dermatitis.

INHALATION: Inhalation of dust may cause garlic odor of breath, metallic taste, sleepiness, headache and nausea.

INGESTION: Ingestion of large amounts of tellurium oxide may lead to nausea, vomiting, bloody diarrhea, weakness, cyanosis, and death.

CHRONIC HEALTH EFFECTS: Prolonged exposure to dust may cause drowsiness and loss of appetite. Reproductive effector in animal studies by RTECS criteria.

ACUTE HEALTH EFFECTS: Garlic Odor of breath, metallic taste, sleepiness, headache, nausea, vomiting. High doses can cause bloody diarrhea, weakness, cyanosis, and death.

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.