

PRMI

MATERIAL SAFETY DATA SHEET

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SECTION 1 Product Identification

CHEMICAL NAME: HOLMIUM NITRATE, PENTAHYDRATE

PRODUCT NUMBER: 1987

CAS#: 14483-18-2

FORMULA: Ho(NO₃)₃.5H₂O

EINECS NUMBER: 233-438-8

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	14483-18-2	100	No Data	No Data

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: IRRITANT. Irritating to skin, eyes, respiratory system. OXIDIZER. Contact with combustible material may cause fire.

PRIMARY ROUTES OF EXPOSURE: Ingestion, inhalation, skin, eyes.

EYE CONTACT: Causes irritation of the eyes.

SKIN CONTACT: Causes irritation to skin.

INHALATION: Causes irritation to respiratory system.

INGESTION: Irritation

SUBACUTE TO ACUTE HEALTH EFFECTS: Small doses of nitrates may cause weakness, general depression, headache and mental impairment. Larger doses may cause dizziness, abdominal cramps, vomiting, bloody diarrhea, convulsions and collapse.

SECTION 4 First Aid Measures

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water (lukewarm if possible) for several minutes. Assure adequate flushing under eyelids. Consult physician.

SKIN EXPOSURE: Wash affected area with soap and water. Remove contaminated clothes if necessary. Seek medical assistance if irritation or redness persists.

INHALATION: Remove 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. Give oxygen if deemed necessary. If not breathing administer CPR. Get emergency care immediately.

INGESTION: Seek medical assistance immediately. Keep the victim calm.