

PRMI

MATERIAL SAFETY DATA SHEET

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SECTION 1 Product Identification

CHEMICAL NAME: IRON (II) IODIDE, Anhydrous

PRODUCT NUMBER: 2070

CAS#: 7783-86-0

FORMULA: FeI₂

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	7783-86-0	100	No Data	No Data

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: Toxic. May cause harm to unborn child. May cause sensitization by inhalation and skin contact and if swallowed. Irritating to eyes, respiratory system and skin. Target Organs: Thyroid, liver. Possible sensitizer.

PRIMARY ROUTES OF EXPOSURE: Ingestion, Inhalation, skin absorption.

EYE CONTACT: Causes irritation.

SKIN CONTACT: Causes irritation to skin. May be harmful if absorbed thru skin.

INHALATION: Irritating to mucous membranes and upper respiratory tract.

INGESTION: May be harmful if swallowed.

SIGNS AND SYMPTOMS OF EXPOSURE: Dermatitis. Coughing, chest pains, difficulty in breathing. Pulmonary edema. Effects may be delayed. Stupor, shock, abdominal cramps, vomiting, burning epigastric distress, central nervous system and cardiovascular disturbances, cyanosis, leukocytosis, hyperglycemia, lethargy and pulmonary edema. Overdose of iron compounds may have a corrosive effects on the gastrointestinal mucosa and be followed by necrosis, perforation, and stricture formation. Several hours may lapse before symptoms that can include epigastric pain, diarrhea, vomiting, nausea and hematemesis occur.

ACUTE HEALTH EFFECTS: Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

CHRONIC HEALTH EFFECTS: May cause congenital malformation in the fetus.

SECTION 4 First Aid Measures

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water (lukewarm if possible) for 15 minutes. Assure adequate flushing under eyelids. Seek medical attention.

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