

# MATERIAL SAFETY DATA SHEET

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

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## SECTION 1 Product Identification

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**CHEMICAL NAME:** Nickel bromide hydrate

**CAS#:** 13462-88-9

**FORMULA:** NiBr<sub>2</sub>.xH<sub>2</sub>O

**SYNONYM:** Nickel dibromide hydrate, Nickelous bromide hydrate

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## SECTION 2 Composition and Information on Ingredients

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INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	13462-88-9	100	0.1 mg/m <sup>3</sup> (as Ni)	1 mg/m <sup>3</sup> (as Ni)

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## SECTION 3 Hazards Identification

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**EMERGENCY OVERVIEW:** Ingestion of nickel salts may cause intestinal disorders, convulsions, and asphyxia. Bromide exposure may cause central nervous system effects and skin rashes.

**PRIMARY ROUTES OF EXPOSURE:** Contact with skin and eyes. Inhalation of dust.

**EYE CONTACT:** May be a mild irritant to the eyes.

**SKIN CONTACT:** May cause slight to mild irritation of the skin. Prolonged contact with nickel salts may lead to dermatitis.

**INHALATION:** Dust may cause irritation to the respiratory tract; symptoms may include coughing and shortness of breath.

**INGESTION:** Ingestion of nickel salts may lead to dizziness, abdominal cramps, vomiting, bloody diarrhea, weakness, and convulsions.

**CHRONIC HEALTH EFFECTS:** Prolonged exposure to nickel compounds may cause cancer. Prolonged exposure to bromides may cause skin rashes (bromaderma) and central nervous system depression, including, memory loss, irritability, and headache.

**ACUTE HEALTH EFFECTS:** Nickel salts may be irritating to skin, eyes, gastrointestinal, and respiratory tract. Bromides may cause skin rash, blurred vision, drowsiness, irritability, dizziness, mania, and coma.

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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.