



**ProChem inc.**

"We react"



Health	3
Fire	2
Reactivity	2
Personal Protection	

# Material Safety Data Sheet

## Hydrazine hydrate MSDS

### Section 1: Chemical Product and Company Identification

**Product Name:** Hydrazine hydrate

**Contact Information:**

**CAS#:** 7803-57-8

**ProChem, Inc.**  
826 Roosevelt Rd.  
Rockford IL 61109

**RTECS:** MV8050000

(800) 795-8788

**TSCA:** TSCA 8(b) inventory: Hydrazine hydrate

**CI#:** Not available.

**CHEMTREC (24HR Emergency Telephone), call:**  
1-800-424-9300

**Synonym:**

**International CHEMTREC, call:** 1-703-527-3887

**Chemical Formula:** N<sub>2</sub>H<sub>4</sub>.H<sub>2</sub>O

**For non-emergency assistance, call:** 1-281-441-4400

### Section 2: Composition and Information on Ingredients

**Composition:**

Name	CAS #	% by Weight
Hydrazine hydrate	7803-57-8	100

**Toxicological Data on Ingredients:** Hydrazine hydrate: ORAL (LD50): Acute: 129 mg/kg [Rat]. 83 mg/kg [Mouse]. VAPOR (LC50): Acute: 570 ppm 4 hour(s) [Rat].

### Section 3: Hazards Identification

**Potential Acute Health Effects:**

Extremely hazardous in case of skin contact (corrosive, irritant), of eye contact (irritant), of ingestion, of inhalation. Very hazardous in case of skin contact (sensitizer, permeator). Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Severe over-exposure can result in death. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

**Potential Chronic Health Effects:**

Extremely hazardous in case of skin contact (corrosive, irritant), of eye contact (irritant), of ingestion, of inhalation. Very hazardous in case of skin contact (sensitizer, permeator).  
**CARCINOGENIC EFFECTS:** Not available.  
**MUTAGENIC EFFECTS:** Not available.  
**TERATOGENIC EFFECTS:** Not available.