





THATCHER COMPANY MATERIAL SAFETY DATA SHEET  
PRODUCT: FERROUS CHLORIDE SOLUTION  
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**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

None.

**SECTION V - REACTIVITY DATA**

**STABILITY:**

Stable

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**CONDITIONS OR MATERIALS TO AVOID:**

Will react with metals and alkaline materials. Is corrosive to all common metals.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Decomposes at high temperatures to release hydrogen chloride.

**SECTION VI - HEALTH HAZARD DATA**

**CARCINOGENIC LISTING:**

NTP: No ingredients listed in this section.

IARC MONOGRAPHS: No ingredients listed in this section.

OSHA 29 CFR 1910: No ingredients listed in this section.

**ENTRY ROUTES & EFFECTS OF OVEREXPOSURE:**

**Contact:** Can cause irritation and burns to skin, eyes and mucous membranes.

**Ingestion:** Can be harmful or fatal if swallowed, resulting in severe irritation and/or burns to the gastrointestinal tract.

**STATEMENT OF PRACTICAL TREATMENT:**

**Contact:** Flush exposed area thoroughly with water. For eyes, flush with cool water for at least 15 minutes. Obtain prompt medical attention.

**Ingestion:** If conscious, give one or two glasses of water or milk. **Do not** induce vomiting. Call a physician or local Poison Control Center at once!

**SECTION VII - SPECIAL PRECAUTIONS**

**HANDLING AND STORAGE PRECAUTIONS:**

Avoid using metal fittings. Keep containers closed; avoid contact with air; ferrous oxidizers to ferric with air.



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**STEPS TO BE TAKEN IF MATERIAL SPILLS OR LEAKS:**

Wear proper safety equipment. Dike the spill and recover the material into drums. Neutralize the residue with soda ash and scoop into drums. Flush the residue to sewer ONLY if permitted by local regulations.

**WASTE DISPOSAL METHOD:**

Waste ferrous chloride is an EPA hazardous waste due to corrosivity (D002) and must be disposed of at an EPA-approved waste disposal facility. Comply with all local, state and federal regulations.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:**

None required.

**VENTILATION:**

Normal room ventilation is sufficient.

**EYE PROTECTION:**

Chemical goggles.

**SKIN PROTECTION:**

Rubber gloves.

**OTHER PROTECTIVE EQUIPMENT:**

Rubber boots and other protective clothing as required to prevent contact with skin and eyes.

**ACGIH** = American Conference of Governmental Industrial Hygienists

**CL** = Ceiling Level

**IARC** = International Agency for Research on Cancer: Monographs

**OSHA** = Occupational Safety and Health Administration

**N/A** = Not Applicable

**NTP** = National Toxicology Program: Annual Report on Carcinogens

**PEL** = Permissible Exposure Level (OSHA)

**TLV** = Threshold Limit Value (ACGIH)

**TWA** = Time Weighted Average over 8 Hours

**STEL** = Short Term Exposure Limit (ACGIH)

**ND** = Not Determined

This information is, to the best of our knowledge, accurate but may not be complete. THATCHER COMPANY furnishes this information in good faith, but without warranty, representation or guarantee of its accuracy, completeness, or reliability.