

MATERIAL SAFETY DATA SHEET

MONSEL'S SOLUTION

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Product/Chemical Name: MONSEL'S SOLUTION

Common Name / Formula: Ferric subsulfate solution ($\text{Fe}_4(\text{OH})_2(\text{SO}_4)_5$)

Physical Description: Odorless, reddish-brown liquid.

Special Hazards: Thermal decomposition may release toxic and or hazardous gases.

Unusual Fire/Explosion Hazards: Negligible

Reactivity: Stable

Hazardous Decomposition Products: Not available

Spill or Leak Procedures

Action: Take up with sand or other absorbent material and place into clean, dry containers for later disposal.

Disposal Method: To be performed in compliance with all current local, state and federal regulations.

Threshold Limit Value: Not available

Overexposure Effects: Iron salts may be irritating to the eyes and mucous membranes. Poisoning may affect the liver.

Potential Carcinogen: No

First Aid Procedures

Skin: Remove contaminated clothing and shoes immediately. Wash affected area with soap and large amounts of water until no evidence of chemical remains (approx. 15-20 minutes).

Eyes: Check for and remove any contact lenses. Flush eyes immediately with large amounts of water or normal saline, occasionally lifting upper and lower lids, until no evidence of chemical remains (approx. 15-20 minutes). Get medical attention immediately.

Ingestion: Check for and remove any dentures. Treat symptomatically and supportively. Get medical attention immediately.

Inhalation: Not available

Storage Recommendations: Store at room temperature.

Special Protection Information

Wearing protective goggles and rubber gloves is recommended.

Special Handling Precautions

Store away from heat.