

Safety Data Sheet

Section 1. Identification	
Product Identification and Item Numbers:	Monse's Solution (MONSELS/1, MONSELS, MONSELS/PT)
Product Description:	Ferric Subsulfate Solution
Recommended use and restrictions on use:	N/A
Supplier:	Delasco 4001 E Plano Pkwy, Ste 100 Plano, TX 1-833-907-1791 www.delasco.com questions@delasco.com
In Case of Emergency, Contact:	Chemtrec (24 hour) 1-800-424-9300

Section 2. Hazard(s) Identification	
Classification:	This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard
Labeling:	
Hazard symbol(s):	N/A
Signal word:	N/A
Hazard statements:	The product contains no substances which at their given concentration, are considered to be hazardous to health
Precautionary statements:	N/A



Local & International: 1-833-907-1791

Website: www.delasco.com
Email: questions@delasco.com

Section 3. Composition/Information on Ingredients		
Chemical Name and Concentration:	Ferric Subsulfate	Concentration: 20% - 22%
	Water	Concentration: 80% - 78%
Other Names, Common Names, Synonyms:	Ferric subsulfate solution, Monse's solution	
CAS Number, other unique identifiers:	Mixture: Ferric Subsulfate	CAS# 1310-45-8
	Water	CAS# 7732-18-5
Other classified impurities or stabilizers:	N/A	
Other ingredients posing health hazards:	N/A	
Concentration of other hazardous ingredients:	N/A	

Section 4. First-aid Measures	
Inhalation exposure:	Remove to fresh air
Skin exposure:	Wash skin with soap and water.
Eye contact:	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Get medical advice if irritation develops.
Ingestion:	Clean mouth with water and drink afterwards plenty of water.

Section 5. Fire Fighting Measures	
Suitable / unsuitable extinguishing media:	Use any means suitable for extinguishing surrounding fire.
Specific hazards / combustion products:	Not considered to be a fire hazard.
Special protective equipment and precautions for fire-fighters:	Wear self-contained breathing apparatus, protective clothing, and full face mask.

Section 6. Accidental Release Measures	
Personal precautions and protective equipment:	Ensure proper ventilation
Environmental Precautions:	N/A
Containment / clean up methods:	Ventilate the area. Absorb material and place in an appropriate waste disposal container.

Section 7. Handling and Storage	
Precautions for safe handling:	Handle in accordance with good industrial hygiene and safety practices.
Conditions for safe storage:	Temperatures above 22.0 °C / 71.6 °F. Sensitive to light. Store in light-resistant containers. Keep container tightly closed.
Incompatibilities to avoid:	N/A

Section 8. Exposure Controls and Personal Protection	
OSHA Permissible Exposure Limit (PEL):	Not available
Threshold Limit Value (TLV):	Not available
Engineering controls:	Showers, eyewash stations, ventilation systems.
Personal protective equipment:	Eye/Face Protection: No special protective equipment required. Skin and body Protection: No special protective equipment required. Respiratory Protection: No protective equipment is needed under normal use. If exposure limits are exceeded or irritation is experienced ventilation or evacuation may be necessary.
Other personal protection measures:	Provide nearby eyewash station and safety shower.

Section 9. Physical and Chemical Properties	
Appearance (physical state, color, etc.):	Reddish-brown liquid.
Odor:	Nearly odorless.
Odor threshold:	Data not available.
pH:	Data not available
Melting point / freezing point:	Data not available
Initial boiling point and boiling range:	Data not available
Flash point:	Data not available
Evaporation rate:	Data not available
Flammability	Data not available
Upper / lower flammability or explosive limits:	Data not available
Vapor Pressure:	Data not available
Vapor density:	Data not available
Relative density:	Data not available
Solubility:	Miscible in water.
Partition coefficient: n-octanol/water:	Data not available
Auto-ignition temperature:	Data not available
Decomposition temperature:	Data not available
Viscosity:	Data not available

Section 10. Stability and Reactivity	
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	Data not available
Conditions to avoid (static, shock, vibration...)	Avoid exposure to direct sunlight and freezing temperatures.
Incompatible materials:	No data found.
Hazardous decomposition products:	None known.

Section 11. Toxicological Information	
Routes of exposure:	Skin, eyes, inhalation, Ingestion
Acute Symptoms (acute):	No information available
Symptoms (chronic): Chronic effects from short and long term exposure:	No Information available.
Numerical measures of toxicity (e.g., acute toxicity estimates):	Component: Water has an oral LD50 of 90mL/kg (Rat)
NTP carcinogen:	Not available
EPA carcinogen:	Not available
ACGIH carcinogen:	Not available
IARC potential carcinogen:	Not identified
OSHA carcinogen:	Not available

Section 12. Ecological Information (Non-mandatory)	
Ecotoxicity (aquatic and terrestrial, where available):	Not available
Persistence and degradability:	Not available
Bioaccumulative potential:	Not available
Mobility in soil:	Not available
Other adverse effects:	Not available

Section 13. Disposal Considerations (Non-mandatory)	
Safe methods of disposal:	Contact a licensed professional waste disposal service. Observe all federal, state, and local environmental regulations.

Section 14. Transport Information (Non-mandatory)						
US DOT	UN number:	N/A	Class:	N/A	Packing Group:	N/A
UN proper shipping name:			N/A			
Packing group, if applicable:			N/A			
Environmental hazards (marine pollutant, etc...)			N/A			
Special transport precautions:			N/A			

Section 15. Regulatory Information (Non-mandatory)	
Specific safety, health, and environmental regulations:	N/A

Section 16. Other information	
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