

Manufacturer Information	
Company Name:	PENCCO, Inc.
Company Address:	P.O. Box 600 San Felipe, TX 77473
Web Site:	www.pencco.com
Emergency Tel. No.:	(800) 864-1742
Revision Date:	10/07/08

Section I – Product Information	
Chemical Names:	Ferrous Sulfate
Synonyms:	Ferrous Sulfate Heptahydrate, Copperas, Iron (II) Sulfate
Chemical Family:	Inorganic Salts
Formula:	FeSO ₄ • 7 H ₂ O

Section II – Hazardous Ingredients	
Ferrous Sulfate:	FeSO ₄ • 7 H ₂ O
OSHA PEL:	None Listed
ACGIH TLV:	1 Mg/M ³
CAS #:	7782-63-0
% by Weight	(25-50)

Section III – Physical Data	
Boiling Point:	212°F
Vapor Pressure (mmHg):	Nil
Vapor Density (Air=1):	N/A
Solubility in Water:	Appreciable
Appearance & Odor:	Green Liquid
Specific Gravity:	1.15
Percent Volatile (Vol):	> 70

Section IV – Fire and Explosion Hazard Data	
Flash Point:	N/A
Explosive Limit:	N/A
Extinguishing Media:	Water fog
Unusual Fire and Explosion Hazards:	N/A

Section V – Reactivity Data	
Stability:	Stable
Conditions to avoid:	Oxidizing Agents and Alkalis
Incompatibility:	Consult qualified chemist for possible reaction.
Hazardous decomposition products:	At high temperatures, possibly SO ₃ .
Hazardous polymerization:	Will not occur.

Section VI – Health Hazard Data		
NFPA Ratings	Health -	2
	Flammability -	0
	Reactivity -	0
	Personal Protection -	E

Exposure and First Aid	
Route(s) of Entry:	Inhalation; Skin; Ingestion; Eyes
Skin: May cause slight irritation	- Thoroughly wash exposed area with soap and water. - Remove contaminated clothing.
Eyes: May cause irritation	- Flush with large amounts of water for 15 min., lifting upper and lower lids occasionally. - Get immediate attention. - Do not use chemical antidote.
Breathed Mist/Dust: Can cause damage to nasal and respiratory passages	- Remove individual to fresh air.
Swallowed Product: May cause gastrointestinal irritation	- Do not induce vomiting. - Dilute by giving water. - Give Milk of Magnesia. - Get medical attention immediately.

Section VII – Spill or Leak Procedures	
Spilled and released material:	Wash area with water to sanitary sewer.
Waste disposal method:	Sanitary sewer or landfill – see local regulations.
Reportable quantity:	1,000 lbs.

Section VIII – Special Procedures	
Protective gloves:	Neoprene type
Eye protection:	Safety glasses
Other protective equipment:	None required
Ventilation:	Provide sufficient mechanical ventilation (general and/or local exhaust) to maintain exposure below TLV.
Respiratory protection:	If TLV of the product or any component is exceeded, a NIOSH/MSHA jointly approved air supplied respirator is advised in absence of proper environmental control.

Section IX – Special Precautions
Containers of this material may be hazardous when emptied. Emptied containers retain product residues. All hazard precautions given in this data sheet must be observed.