

SECTION 1 IDENTIFICATION	
Product Number	090-1020
Product Name	Ferrous Sulfate (Copperas)
Trade /Chemical Synonyms	
Formula	FeSO ₄ •7H ₂ O
RTECS	NO8510000
C.A.S. #	CAS# 7782-63-0
Health:	2
Flammability:	0
Reactivity:	0
Hazard Rating: Least Slight Moderate High Extreme 0 1 2 3 4 NA=Not Applicable NE=Not Established	

SECTION 7 HANDLING AND STORAGE
Stored materials should be placed in a dry and reasonably temperatured area, preferably below 75 Deg F.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION	
Respiratory Protection:	Dust mask
Ventilation:	Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/>
Protective Gloves:	Wear appropriate gloves to prevent skin exposure
Eye Protection:	Safety goggles
Other Protective Equipment:	Wear appropriate clothing to prevent skin exposure

SECTION 2 MIXTURE COMPONENTS					
Sara 313	Component	CAS Numbe	%	Dim.	Exposure Limits
<input type="checkbox"/>	Ferrous Sulfate Heptahydrate	CAS# 7782-63-0	100 %	W/	TXDS: orl-rat LD ₅₀ : 1480 mg/m ³

SECTION 3 HAZARD IDENTIFICATION (SEE ALSO SECTION 11)
Harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES	
Melting Point:	Information not available
Boiling Point:	Information not available
Vapor Pressure:	Information not available
Vapor Density:	Information not available
Solubility in Water:	57 gms in 100 mls of water
Appearance /Odors:	Light grey, Acidic/sour
Flash Point:	None
Specific Gravity:	1.899 @ 14 Deg C
Percent Volatile by Volume:	0
Evaporation Rate:	0
Evaporation Standard:	
Auto Ignition Temp:	Not applicable
Lower Flamm. Limit in Air:	Not applicable
Upper Flamm. Limit in Air:	Not applicable

SECTION 4 FIRST AID MEASURES
FIRST AID: SKIN: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention
EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen
INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconcious person.

SECTION 10 STABILITY AND REACTIVITY INFORMATION	
Stability:	Stable
Conditions to Avoid:	Extremely high temperatures
Materials to Avoid:	Oxidizing agents and Alkalies
Hazardous Decomposition Products:	Products of sulfur oxides
Hazardous polymerization:	Will Not Occur
Conditions to Avoid:	None known

SECTION 5 FIRE FIGHTING MEASURES
Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire
Fire / Explosion Hazards: None Known.
Fire Fighting Procedure:
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 11 ADDITIONAL INFORMATION	
Symptoms of exposure are Irritation or itching, stinging of eyes, breathing problems, stomach ache, acidic or sour taste. If comes in contact skin or eyes flush with water for 15 minutes. Remove to fresh air if inhaled, cover if in shock, seek medical ass	
DOT Classification:	Not Regulated
DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.	

SECTION 6 ACCIDENTAL RELEASE MEASURES
Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.

Rev. No: 0 Date Entered: 8/1/2005 Approved: RMC Safety Dir. RMC