



FERROUS SULFATE (DRY)

FORMULA: $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ F.W. = 278 CAS# 7782-63-0

TYPICAL CHEMICAL ANALYSIS:

FeSO ₄ *7H ₂ O	minimum	99.5% *
Ferrous Iron	minimum	20.0% *
pH (5% Solution)		2.5 to 5
Adherent water		<0.30%

*Complies with American Water Works Association Standard B402.

Heavy Metals (mg/kg)

Arsenic	< 0.2	Lead	< 2	Cadmium	< 3	Mercury	< 0.05
Chromium	< 40	Nickel	< 150	Copper	< 30	Zinc	< 80

Note: Some metals can be lowered upon special request.

Calcium Carbonate can be added as anti-caking agent upon request.

PHYSICAL

Physical Form	Blue-Green, Free Flowing Crystal
Bulk Density	55 lb. per cu. Ft.
Main Particle Size Range (90 – 95%)	- 7 + 60 MESH

TYPICAL USES: ODOR/CORROSION CONTROL-Most cost effective method of controlling odors and corrosion from hydrogen sulfide liquid and gas. Also, ammonia gas odor. Treat at 1.62 lbs. iron per 1.0 lbs. hydrogen sulfide in solution.



PHOSPHATE REMOVAL/CLARIFICATION during aeration, FSH can reduce phosphate levels to meet regulations. It increases the size of the floc particles for faster settling and is not pH sensitive. Replaces Alum to eliminate aluminum carry over.

HEXAVALENT CHROMIUM REDUCTION to trivalent.

FERTILIZER: SOIL/TURF/PLANTS:

Acidifying soil and correcting iron deficiencies in plants developing chlorosis. Flowers and vegetables apply at the rate of 4.5 oz. (2 Tbs.) per 100 square feet. Blend into the soil and water thoroughly. Trees/Shrubs, dissolve ¼ to ½ oz. (1/2 to 1 tsp.) in one gallon of water and apply to the soil along the drip line. Large Pin Oaks, pour ½ cup in hole along drip line for each inch of tree diameter. Water thoroughly. Lawns, dissolve 2 cups in three gallons of water per 1000 sq. feet of lawn. Water thoroughly.

PACKAGING AND SHIPPING: Bulk - 40,000# Tandem Truck, Pneumatic Truck LTL or Truckload 50# Poly or 2000# Bulk Bags

CAUTION: Keep out of reach of children. Keep from contact with eyes, cuts, or sores. Not for human consumption. This product will stain concrete surfaces such as drives and sidewalks. Wash or sweep from concrete surfaces immediately after application.

FREIGHT CLASSIFICATIONS: Ferrous Sulfate has an RQ of 1000 pounds, if less than 1000 pounds is in a single container the material is not regulated by D.O.T. as a hazardous material. Bulk Bag and Bulk DOT Description (> 1000 in container): Environmentally hazardous substances, solid, n.o.s., 9, UN3077, III, RQ, (ferrous sulfate)

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.