



**Ferrous Sulfate Heptahydrate**

FORMULA:  $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$

F.W. = 278    CAS# 7782-63-0

**TYPICAL CHEMICAL ANALYSIS:**

$\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$	minimum	99.6% *
Ferrous Iron	minimum	20.0% *
pH (5% Solution)		2.5 to 5
Adherent water		<0.30%

\*Complies with American Water Works Association Standard B402.

**Typical Heavy Metals (mg/kg)**

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

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

**PHYSICAL**

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

**TYPICAL USES:** Water Treatment Flocculation Agent and Coagulant, Fertilizer, Feed Supplement, Paint Pigment.

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

**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)

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