



Technical Data Sheet

EPI-DMA Polyamine Products

USALCO Ferric Sulfate 60% (IS31220) is an effective liquid ferric sulfate coagulant based on trivalent iron (Fe³⁺). The product is manufactured using a process reacting high purity iron ore with sulfuric acid. Ferric Sulfate Solution functions very well for both potable and wastewater clarification and can be used for turbidity removal, color removal, phosphate removal, heavy metal removal, in lime softening applications as well as for sludge conditioning. Ferric Sulfate Solution can also effectively be used in Hydrogen Sulfide control applications to reduce odor and corrosion.

PROPERTIES

Chemical Formula:	(C ₅ H ₁₂ NOCl) _n
Solubility in water:	100%
Product Weight:	9.33 – 9.67 Lbs./Gal

SPECIFICATIONS

pH (neat):	2.7 – 7.5
Appearance:	Amber Liquid
Specific Gravity @60°F:	1.12 – 1.16
Brookfield Viscosity (25° C), cps:	100 – 9,000
%Solids:	49 – 56%

PRINCIPAL USES

Drinking water - removal of suspended and dissolved matter, color removal. Wastewater treatment – turbidity removal, phosphate removal, heavy metal removal. As well as lime softening applications.

SAFETY / HANDLING

Caution spills may be extremely slippery. Please consult the safety data sheet (SDS) for safety and handling precautions.

DELIVERY

275-gallon and 330-gallon IBCs (totes), 55-gallon drums, tank trucks and railcars

PRODUCTION

USALCO has production facilities in:

- Centreville, Mississippi

CUSTOMER SERVICE

If you have any questions concerning this material, please contact our Inside Sales Department at:

800-282-5322 or **info@usalco.com**