



Technical Data Sheet

USALCO® Ferrous Sulfate Solution Ferrous Sulfate Solution 7% (Fe²⁺)

Ferrous Sulfate 7% Fe²⁺ (IS2070) is an effective liquid ferrous sulfate coagulant based on bivalent iron (Fe²⁺). The product is manufactured by reacting high purity iron ore and metallic iron with sulfuric acid. Ferrous Sulfate Solution can effectively be used as a flocculant and coagulant for municipal and industrial water and wastewater treatment. Some applications include hydrogen sulfide control; phosphate precipitation with aeration; chromate reduction; cyanide complexation; de-chlorination; and sludge conditioning.

PROPERTIES

Appearance	Green Liquid
Total Fe (II)	7.0 ± 0.2
Specific Gravity(25°C)	1.20 ± 0.02

SPECIFICATIONS

pH	> 2.0
Free Acid	< 0.25%
Water Insoluble	< 0.1% Matter

PRINCIPAL USES

Drinking water / wastewater treatment – flocculant and coagulant, odor control, hydrogen sulfide absorption.

CERTIFICATION / APPROVAL

USALCO's Ferrous Sulfate Solution 7% Fe²⁺(IS2070) is NSF/ANSI/CAN Standard 60 certified for use in potable water treatment up to 600 mg/l.

SAFETY / HANDLING

Observe caution when handling corrosive materials. Please consult the safety data sheet (SDS) for safety and handling precautions.

DELIVERY

275 gallon IBCs (totes), tank trucks and railcars

PRODUCTION

USALCO has production facilities in:

- Houston, TX

CUSTOMER SERVICE

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

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