



# Technical Data Sheet

## USALCO® Ferrous Sulfate Solution Ferrous Sulfate Solution 7% (Fe<sup>2+</sup>)

*Ferrous Sulfate 7% Fe<sup>2+</sup> (IS2070) is an effective liquid ferrous sulfate coagulant based on bivalent iron (Fe<sup>2+</sup>). 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.

### CERTIFICATION / APPROVAL

USALCO's Ferrous Sulfate Solution 7% Fe<sup>2+</sup>(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:

**410-918-2230** or **[info@usalco.com](mailto:info@usalco.com)**