

Ferrous Sulfate 5%



Ferrous Sulfate 5% is an effective liquid ferrous sulfate coagulant based on bivalent iron (Fe^{2+}). 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. It meets the specifications of the AWWA Standard B402-24 and complies with the requirements of NSF/ANSI/CAN Standard 60 certified for use in potable water treatment up to 600 mg/l.

Specification	Value
FREE ACID	< 0.25 %
WATER INSOLUBLE	< 0.1 % MATTER
APPEARANCE	GREEN LIQUID

Properties	Value
SPECIFIC GRAVITY (25°C)	1.15 ± 0.03
PH	> 2.0
TOTAL FE (II)	5.00 ± 0.25

Pounds	Pounds	Gallons
RAIL	180,000	18,768
TANK TRUCK ²	45,000	4,692
IBC TOTE	2,550	266
DRUM	510	53

¹ Not all options are available at each production location

² Tank Truck capacities can vary depending on configuration

Principal uses

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

Safety/Handling

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

Production

With 27 manufacturing facilities across the United States, contact us for product availability.

The information presented herein is believed to be accurate and reliable but is given without guarantee or warranty, expressed or implied. The user should not assume that all safety measures are indicated or that other measures may not be required. The user is responsible for assuring that the product and equipment are used in a safe manner that complies with all appropriate legal standards and regulations.