Usalco

FERRIC SULFATE

Ferric Sulfate 60%

Ferric Sulfate 60% 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. It 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. It can also effectively be used in Hydrogen Sulfide control applications to reduce odor and corrosion.

Specification	Value
FREE ACID	< 0.5 %
WATER INSOLUBLE	< 0.1 % MATTER
APPEARANCE	DARK LIQUID
FREEZING POINT	< -18°C / 0°F

Properties	Value
SPECIFIC GRAVITY (25°C)	1.46 ± 0.08
PH	> 2.0
TOTAL FE (II)	< 0.20 %
TOTAL FE (III)	12.0 ± 0.5 %

Delivery Options [1]	Pounds	Gallons
RAIL	180,000	13,660
TANK TRUCK [2]	45,000	3,415
IBC TOTE	3,425	260
DRUM	685	52

[1] Not all options are available at each production location
[2] Tank Truck capacities can vary depending on configuration

Principal uses

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

Safety/Handling

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

Certification/Approval

Usalco Ferric Sulfate 60% (IS3120) is NSF/ANSI/CAN Standard 60 certified for use in potable water treatment up to 600 mg/l.

Production

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

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