



FerroBan™ Iron Control Agent

IRON CONTROL PRODUCTS

Overview

An organic iron reducer and sequestering agent, FerroBan iron control agent is recommended for use in monovalent and divalent brines. It reduces ferric iron to the more preferable ferrous iron, which has a greater stability and solubility at a wider range of pH levels and in a wide variety of fluids. FerroBan iron control agent also maintains iron in solution by chelation, thereby preventing iron hydroxide and sulfide precipitation.

Features and Benefits

- Soluble and compatible in seawater, sodium, potassium, calcium and zinc brines.
- Easily dissolved into brines.
- Fast acting and effective at low temperatures.

Application Information

FerroBan iron control agent should be added to the brine, at the suction side of the pump, just prior to pumping the fluid downhole. As a caution, avoid aeration of the fluid during the addition of FerroBan iron control agent.

Safety and Handling

Avoid skin and eye contact, inhalation or ingestion. For skin contact, wash with soap and large quantities of water. For eye contact, flush with large quantities of water. Use properly designed respirator if adequate ventilation is not available. Refer to the Safety Data Sheet for specific details.

Physical Properties

Appearance	Odorless white powder
Incompatibilities	Oxidizing materials, metals, acids, bases
Flash Point	N/A
pH	5.5 - 8.0
Specific Gravity	1.20
Viscosity	N/A
Water Solubility	Soluble

Packaging Information

3 gallon pail, 32 pails/pallet

Recommended Treatment

The treatment concentration of FerroBan iron control agent is dependent upon the ferric iron concentration as well as the total iron concentration.

Recommended treatment rates for FerroBan iron control agent can range from 20 to 105 pounds per 100 barrels of fluid, depending upon the iron concentration. There are other factors that should be considered when determining the optimum treatment rate for FerroBan iron control agent.

Consult a TETRA representative for specific recommendations.

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