Product Data Sheet

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NanoNet Fe

FLOC BOOSTING ACTION WITHOUT THE RESIDUAL METALS

Nanonet FeTM Concentrate (FeTM) is a water treatment additive that comprises a proprietary blend of surfactants and specialty polymers. It is an anionic coagulant designed to target specific contaminants in produced and wastewater streams, and can be dosed in combination with oxidizers, coagulants, or flocculants.



DELIVERY

FeTM is delivered to site, ready to use, in 264-gallon (1,000 liter) IBC totes. It is classified hazardous, UN 1814 in accordance with 29 C.F.R. Section 1910.1200 for transportation purposes.

PERFORMANCE

Fe[™] performs well when combined with oxidants and has proven effective in enhancing the efficiency of water treatment polymers thus reducing volumes required. It has proven effective in separating oil from oil-wet suspended solids and exhibits a stable floc in gravity and air assisted flotation equipment.

IMPORTANT PHYSICAL AND CHEMICAL PROPERTIES

(for a complete list see SDS)

Appearance – Water-based liquid Color – Amber Viscosity - 25 cps @ 250 C **pH** - 12.0 To 14.0 Density - 0.95 to 1.10 Odor - Mild/Sweet Freeze Point - 32° F **Boiling Point** - 212° F Non-Flammable Non-reactive and Stable









APPLICATIONS

NanoNet Fe[™] brings a level of efficacy to a range of applications where commodity chemicals fall short.



TARGET WATER CHARACTERISTICS

NanoNet Fe works optimally as a coagulant replacement. The best results are seen treating waters that contain:

- ➔ Metal Hydroxides / Sulfates or Sulfides
- ➔ Hardness, specifically Calcium
- → Cations (Fe, Al)
- → 0il

TECHNICAL SPECIFICATIONS

	NanoNet Fe™
Specific gravity	0.849-1.273
Non-volatile solids (%)	12.404-12.715
Bulk viscosity (cP)*	25
рН	13-14
Conductivity (mS/cm)	0.705-2.106
Stability of DI water solution (days)	N/A
Storage temperature (C)	4-60
Shelf life (months)**	12

SAFETY PRECAUTIONS

Keep separate from acidic and oxidizing solutions



*Average values (measured at 30 rpm) given for determination of preparation and dosing equipment for which a viscosity 10 times lower can be used.

**When product is stored inside a building at a stable temperature at 30°C

