



ORGANIC DYESTUFFS CORPORATION

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TECHNICAL BULLETIN

ORCO FERROSOL NA4 POWDER®

- Description:** **Orco Ferrosol NA4 Powder** is a very versatile chelating agent which complexes ions which are normally found in hard water (containing calcium and magnesium) above a pH of 7 as well as other common metal ions throughout the pH range. The most troublesome of the metal ions, iron, can be sequestered up to a pH of 8.
- Properties:**
- | | |
|----------------------------|---|
| <i>Appearance-</i> | White crystalline powder |
| <i>Chemical Nature-</i> | Tetra Sodium Salt of ethylenediaminetetra-acetate |
| <i>pH-</i> | 10.5-11.5 for a 1% solution |
| <i>Solubility-</i> | Maximum solubility in water is 50% |
| <i>Chelating Activity-</i> | 219 mg CaCO ₃ /gm minimum |
- Procedures:** Generally ¼ -1.0% of **Orco Ferrosol NA4 Powder** will be sufficient for most purposes. The amount will vary depending on the condition of the water at any one specific time.

C O L O R A N T S F O R A L L I N D U S T R I E S

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