

**PowerSperse**  
High Capacity Iron and Scale Control Inhibitor

**Description:** Mid South's **PowerSperse** is an industrial inhibitor that is designed to prevent the formulation of water born scales in water system applications such as cooling, oil field and waste remediation systems. **PowerSperse** is composed of organic inhibitor components that increase the solubility of inorganic salts. It's chemical activity interferes with the crystalline structure of scale particles to reduce the potential for deposit formations on heat transfer surfaces. **PowerSperse** also dissolves ferrous iron and is recommended where higher concentrations of iron and other metallic oxides occur. In oil field applications, where iron sulfide occurs, **PowerSperse** is typically used along with Mid South's **Iron Sulfide Dissolver**.

**Advantages:**

- \* Eliminates or Reduces Particulate Fouling
- \* Polymeric Dispersant for Cleaning Action
- \* Excellent Iron & Scale Control
- \* Stabilizes Inorganics in Solution
- \* Deposit Control
- \* Thermally Stable

**Directions for Use:** The feed dosage for **PowerSperse** is based on the availability of a reliable water analysis and details of operating conditions. Chemical pumps and dosing equipment may be of standard construction. For industrial applications, typically feed 25-100 ppm to the flowing system for scale control. However, for metals applications, lime treatment and other concentrated levels of inorganics in solution, a higher dosage range will be required. Typically, a dosage of .2 - .83 pounds of **PowerSperse** per 1000 gallons system water is common. However test to evaluate performance before a final dosage is established.

**Product Data:**

- \* Specific Gravity ..... 1.136
- \* Appearance ..... Medium Amber
- \* pH ..... 2.5 – 3.0
- \* Weight/gallon ..... 9.47

**Test:** Phosphonate Test Procedure, calculate @ 11.0 ppm total product per drop.

**Handling:** For industrial use only. Keep this and all other chemicals out of reach of children. Avoid contact with eyes or skin. Use with adequate ventilation and avoid breathing of vapors. In case of contact, immediately flush eyes (while lifting upper and lower lids) and skin with large amounts of water for at least 15 minutes.

**Storage:** Do not allow product to freeze.

**Available Packaging:**

5 gallon pail .....	47 lbs.	15 gallon drum.....	142 lbs.
30 gallon drum .....	284 lbs.	55 gallon drum .....	521 lbs.