

**PRODUCT DATA SHEET**  
**SCALE INHIBITOR (SE-SI 4001)**

• **PRODUCT DESCRIPTION:**

**SE-SI 4001** is a neutralized Phosphonate based Scale Inhibitor along with Anionic Polymer and Wetting Agent.

• **APPLICATION:**

**SE-SI 4001** provides excellent protection from Calcium Carbonate, Calcium Sulfate, Barium Sulfate and Strontium Sulfate types of Scale Deposition in Oil/Gas Producing Operation and Brines. It is compatible with all other Water Flood Chemicals like Corrosion Inhibitors, Biocides, Polyelectrolytes etc.

**SE-SI 4001** is a complex composition of Phosphonate and Anionic Polymer, which protects from all types of Scales for both continuous injection and squeeze treatment applications in Oil Well Production and Surface Facilities.

**Dose:** From the field experience, standard range of Dose Rates is 10-30 PPM depending upon types of Scale.

• **PHYSICAL PROPERTIES:**

|                             |                                                               |
|-----------------------------|---------------------------------------------------------------|
| Appearance                  | Colourless to Pale Yellow Homogenous Liquid                   |
| pH                          | 4.0 – 6.0                                                     |
| Viscosity                   | < 200 CPS @ 25° C                                             |
| Density                     | 1.20 ± 0.10 gm/ml @ 25° C                                     |
| Solubility                  | Soluble in Water                                              |
| Scale Inhibition Efficiency | 90 % (minimum) with 10 to 30 ppm Dose up to 65° C Temperature |

• **HANDLING:**

**SE-SI 4001** shall be stored in closed containers away from direct sunlight at ambient temperature. During handling, direct contact with human body is to be avoided. Safety goggles and gloves are recommended for safe handling. The spillage can be handled with dry absorbent like sand, sawdust, etc. On ingestion / eye contact with the product, medical attention should be sought immediately.

• **PACKING:**

**SE-SI 4001** is available in 200 Liter HM/HDPE Barrels or as per Customer's requirement.