

# SARVAMANGAL ENTERPRISE

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## PRODUCT DATA SHEET CORROSION INHIBITOR COMBINED (SE-CI 1071)

- **PRODUCT DESCRIPTION:**

**SE-CI 1071** is an Amine based Water Soluble combined Corrosion Inhibitor with Oxygen Scavenger, Scale Inhibitor and Bactericide. It is a multifunctional Chemical, especially designed for complete treatment of Packer Fluids.

- **APPLICATION:**

**SE-CI 1071** provides excellent protection against Corrosion of Metal Parts in a Packer Brines, Water based Mud and Completion Fluids, in presence of Corrosive Gases like  $\text{CO}_2$ ,  $\text{O}_2$  and  $\text{H}_2\text{S}$  in Oil Field Brine Packer Fluids. **SE-CI 1071** also effective to control all types of Mineral Deposits as well as various kinds of Bacteria, Algae, Fungi.

**Dose:** From the field experience, standard range of Dose Rates is 0.5 % to 2.0 % depending upon fluid Composition, Quality of Water and Flow Velocity Depth of Fluid and Problem Observed. **SE-CI 1071** may be applied in either a Batch or Continuous Injection Method.

- **PHYSICAL PROPERTIES:**

|            |                                               |
|------------|-----------------------------------------------|
| Appearance | Pale Yellow to Brown Color Homogeneous Liquid |
| pH         | 8.0 – 10.0                                    |
| Viscosity  | < 100 CPS @ 25° C                             |
| Density    | 1.00 ± 0.10 gm/ml @ 25° C                     |
| Solubility | Soluble in Water                              |
| Pour Point | Bellow 0° C                                   |
| Stability  | Stable                                        |

- **HANDLING:**

**SE-CI 1071** 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-CI 1071** is available in 200 Liter HDPE Barrels or as per Customer's requirement.