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### PRODUCT DATA SHEET

## CORROSION INHIBITOR FOR OIL AND GAS LINES (SE-CI 333A)

- PRODUCT DESCRIPTION:**

**SE-CI 333A** is a Film Forming Corrosion Inhibitor based on Fatty Amines and Surfactants blend in aromatic solvent.

- APPLICATION:**

**SE-CI 333A** provides excellent protection from Corrosion, which can be caused in Crude Oil Pipelines due to presence of  $H_2S/CO_2$  Gases. Pipelines are the safest and economical way to transport/deliver the Hydrocarbons from one place to other places in both Onshore & Offshore Fields. Multi-phase Well Fluid contains Water and other Corrosive Gases like  $CO_2$  &  $H_2S$ , which are responsible for the severe Corrosion in Pipelines.

**SE-CI 333A** is Oil soluble & a Water Insoluble Organic Corrosion Inhibitor, which protects oil and gas production, processing and transportation Pipelines, Water Treatment Facilities and Downstream Production Equipment's, where Production Fluid contains huge volume of  $H_2S$  &  $CO_2$ .

**Dose:** From the field experience, standard range of Dose Rates is 50-100 ppm depending upon Fluid Composition, Quantity of Water and Flow Velocity.

- PHYSICAL PROPERTIES:**

|                       |                                                                                    |
|-----------------------|------------------------------------------------------------------------------------|
| Appearance            | Pale Yellow to Brown Color Homogeneous Liquid                                      |
| pH                    | 3.0 – 5.0                                                                          |
| Viscosity             | 3-20 CST @ 37° C                                                                   |
| Density               | 0.95 ± 0.05 gm/ml @ 15° C                                                          |
| Flash Point           | 67° C                                                                              |
| Solubility            | Soluble in Solvents                                                                |
| Inhibition Efficiency | 80% (minimum) Inhibition Efficiency for Dynamic Test @ 50 to 100 ppm dose at 50° C |

- HANDLING:**

**SE-CI 333A** 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 333A** is available in 200 Liter MS Barrels or as per Customer's requirement.