

Acid Neutralizer NEONEUTRAL EST-333

TECHNICAL INFORMATION SHEET

GENERAL INFORMATION

Neoneutral EST-333 is a state-of-the-art Acid Neutralizer, specially developed to operate efficiently with HCl applications. Its unique formulation allows a slow reaction of the product with HCl, preventing excessive heat from the reaction while neutralizes completed the acid.

Unlike other Acid Neutralizers, the performance of **Neoneutral EST-333** is not affected or reduced due to the presence of CO₂ in the system. This feature is especially important in the treatment of HCl in systems where CO₂ is present, either as naturally occurring gas in the reservoir or in fields where CO₂ is injected as a form of advanced hydrocarbon recovery.

Because **Neoneutral EST-333** combines the properties of amines and alcohols, it exhibits the unique capability of undergoing reactions common to both groups.

As an amine, **Neoneutral EST-333** is mildly alkaline and reacts with acids to form salts or soaps. As an alcohol, **Neoneutral EST-333** is hygroscopic and can be esterified.

PHYSICAL-CHEMICAL PROPERTIES

Aspect Light Yellow Liquid

Specific gravity (25°C) 1.125

pH10.0 – 10.5

Water Solubility Soluble

RECOMMENDED USES

Neoneutral EST-333 is especially recommended in oil and gas production systems where the presence of HCl needs to be neutralized.

SAFETY IN USE, STORAGE AND HANDLING

Neoneutral EST-333 is an alkaline product. It should be handled using the appropriate PPE: rubber gloves, apron, safety goggles and rubber boots. Avoid contact with eyes, skin and clothing as well as inhalation of vapors. In case of contact, immediately flush with running water for at least 15 minutes. If contact is with the eyes, rinse for at least 15 minutes with plenty of running water and consult a doctor.

AVAILABILITY

Neoneutral EST-333 is available in drums, bulk or in IBC containers specified by the user.

STORAGE

Store in ventilated area, humidity free, or in appropriate tanks. For further information on product safety, please refer to the MSDS (Material Safety Data Sheet).