

Riteks SC-100

PHOSPHONATE SCALE INHIBITOR (DTPMP)

General Description

Phosphonate based scale inhibitors are used to stop scale nucleation, precipitation and adherence to production conduit, completion systems and processing facilities, the three key elements susceptible to scale problems. They are readily soluble in water, non-toxic and effective at low treatment concentrations (typically 0.5 to 20 ppm), particularly in controlling calcium carbonate and barium sulfate scale. Riteks offers a variety of phosphorus based scale inhibitors that are highly effective in a variety of conditions.

Feature / Advantages

Riteks SC -100 is effective in the treatment of calcium and magnesium carbonate, calcium, strontium and barium sulfate, and iron scales in water systems. Riteks SC - 100 is an organophosphonic acid compound exhibiting excellent sequestration of metal ions at stoichiometric concentration and threshold inhibition of metal salt precipitation at sub stoichiometric concentrations. It is commonly used for scale control and corrosion inhibition in oilfield applications.

Usage Information

Riteks SC-100 is applied using a simple feed pump assembly. Dosage will depend on the application and level of control required. For additional treatment information, including dosage specific to your application, please contact your representative.

Health and Environmental Data

Wear appropriate protective clothing while handling. Avoid prolonged contact with skin and clothing. Avoid breathing vapors or mist. After handling always wash hands and clothing thoroughly with soap and water. Before handling or using this product please refer to the Safety Data Sheet for complete health, safety and environmental information. Dispose of waste in accordance with local, state and federal regulations.



TYPICAL PROPERTIES

Appearance, Amber Liquid
Odor, Faint Sweet
Active Solids (%): 25 - 35
pH (1% solution) @ 25 C, 6.0 – 8.0 pH
Specific Gravity @ 25 C, 1.28 – 1.31
Density (lbs per gallon), 10.7 – 10.9

Typical properties given do not constitute a supply specification.

Packaging/Storage

Available in 275 gal totes

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