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The invention relates to the field of metal protection from corrosion in water and can be used to inhibit corrosion in closed steel pipeline systems.

The process for corrosion protection of steel in water comprises the introduction into the corrosive medium of 0.35...1.05 g/L of calcium hydroxide and 10...150 ml/L of aqueous extract of birch leaves, obtained by extraction of dry leaves with water in a mass ratio of 1 : (10...30) at a temperature of 80...90°C for 1...3 hours, with subsequent filtration.

The technical result of the invention consists in increasing the braking ratio of steel corrosion in water.

Claims: 1