



SCOPE FOR FURTHER STUDY

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1. The investigated inhibitors may be used for corrosion of other metals – copper, brass etc.
2. Derivatives of imidazoline, other than studied here, may also be synthesized and investigated, for corrosion of mild steel in acid medium.
3. Corrosion inhibition studies may also be carried out using the investigated inhibitors, in phosphoric acid medium and nitric acid medium, in alkaline and neutral medium.
4. Quantum chemical parameters such as molecular polarizability, molecular volume, molecular surface area, Mulliken charges of the atom etc. may be also be arrived at using the software Gaussian 03.
5. The studied imidazoline derivatives may be utilized for industrial applications.
6. Gasometric techniques, cyclic voltametry studies may also be conducted using the investigated inhibitors.