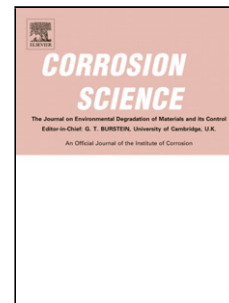


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Highlights

Corrosion on 316SS was studied in octadecylamine containing acetate buffer.

The data were interpreted in terms of the Bi-layer Point Defect Model.

The inhibitory effect of octadecylamine is enhanced as its concentration increases.

Increasing the immersion time results in further enhancement of the inhibitory effect.

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