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Desorption Behavior of Deposit Formed from Coffe Stainless Steel Surfaces

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The desorption behavior of fouling deposits, which had been forme particles from coffee drinks, was studied using various detergents. drinks was difficult to remove from stainless steel particles by NaO usually effective in removing deposits consisting of organic substandetergents tested, a chlorinated alkaline cleaner was the most effect deposit formed from coffee drinks. Both in the chlorinated alkaline solution, the desorption rate of the deposit followed first-order kine

rate constant for cleaning with the chlorinated alkaline cleaner was NaOH solution. The desorption rate constant depended not only or but also on the conditions under which the deposit formed. In the ε formed from a solution containing β -lactoglobulin and tannic acid, in two stages. This reaction was not described by simple first order

Keywords: cleaning, desorption, soft drink, deposit, detergent, β-stainless steel

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