

CIP depends It depends greatly on the proper use of chemicals such as alkalis, acids, disinfectants and surfactants. If a sanitary environment is needed, the acidification step is generally followed by a disinfection treatment to kill microorganisms or reduce the microbial population to a safe level. Bb. A negative performance was also observed with increasing alkali concentration when studying other soil types containing protein and fat. Aa Common disinfection methods include heating, alkalis, oxidizing solutions (such as chlorine, iodophors, and peroxide) and non-oxidizing solutions based on surfactants (such as quaternary ammonium compounds, anionic acids, and amphoteric disinfectants) that contribute to the removal of foam when mixed with alkalis or acids. Aa Caustic solutions followed by water rinsing break down most organic or soil compounds. For example, Baird noted that there is an optimal NaOH concentration of 0.5 wt% for whey protein cleansing. Aa