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Washing Feeling and Cleaning Performance of Washcloths

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Abstract: To obtain fundamental information on the washing feeling and the cleaning performance of washcloths, we surveyed the washing feeling using five kinds of washcloth on market in Japan, which were made of cotton, ramie, silk, regular synthetic fiber (nylon/polyester), and microfiber (nylon/polyester). Further, we selected the regular and microfiber washcloths for further study due to remarkable differences in washing feeling between them. We examined the performance of both types washcloth on cleaning a felt-tip-pen mark from human skin, their effect on stratum corneum, and made physical measurements of the contact state between them and human skin, etc. It was found that the regular washcloth had a poor cleaning effect, though it had a good washing feeling. On the contrary, the micorifiber washcloth had a good cleaning effect, though it had a bad washing feeling.

Key Words: Washcloth, Microfiber, Washing, Cleaning, Feeling

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