

〈教育セミナー〉

洗淨剤と皮膚：敏感肌,アトピー肌とマイルド洗淨剤

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Surfactant and Skin: Surfactant Suitable for Sensitive or Atopic Skin

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Abstract

Role of surfactant and suitable selection for the sensitive skin are reviewed. Barrier function is a most important role for skin as a largest organ to protect body from outer world. Vulnerability of the skin caused by many factors from outside and inside are explained. Sensitive skin and atopic skin can be characterized by their imperfect barrier function. Detergency and resulted effect of surfactant to the skin are reviewed. Acylglutamate, acyltaurate and monoalkylphosphate are classified in the class of surfactants to be mild because of their sufficient detergency and least effect to the skin and safety evaluations. In conclusion it is suggested that careful selection of type of surfactant would be necessary and useful as a part of skin care for the sensitive or atopic skin.

Key words: sensitive skin, atopic skin, mild surfactant, acylglutamate safety assessment, selective detergency, *in vitro* evaluation.