

〈シンポジウム〉「基剤と添加物の役割」

化粧品のゲル基剤

加藤 精二*

Gel Products of Cosmetics

Seiji KATO*

Abstract

The cosmetic gel products are classified into four groups, 1) aqueous gels, 2) aqueous surfactant gels, 3) aqueous cream gels, and 4) oily gels. Recently the aqueous gels are especially noticed by their comfortable feeling which customers needs for summer cosmetics.

- 1) The aqueous gel products are transparent and have refreshing, and non-sticky feeling at usage, and makes skin moisturizerize efficiently.
- 2) As the emulsion types of summer cosmetics change into aqueous polymer solution types, each component number and amount of oily materials, surfactants, antioxidants, preservatives and perfumes may be decreased or eliminated, but ethanol, humectants and aqueous polymers must be added to, so that the products can be expected their higher safety.
- 3) As the results of closed patchtest in human with aqueous solutions of ethanol (0 – 100%), humectants (0 – 100%) and aqueous polymers, they were confirmed with nearly non-irritant in the range of amount of the formulae.