

日本化粧品学会誌 Vol. 35, No. 3, pp. 208-213 (2011)

〈シンポジウム II〉

『環境を考えた化粧品テクノロジー』

## 化粧品開発における環境課題

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### **Environmental Challenges in the Development of Cosmetics**

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#### **Abstract**

As global environmental challenges grow increasingly more serious, the product development of cosmetics should be also carried out considering to environmental impact and the reduction of energy use. In order to thoroughly develop products that are safe and cause little environmental burden, both risk assessment and life cycle assessment (LCA) are introduced into the product development including vessel and package design. In addition, the attention should be paid to the selection of ingredients from the point of carbon ad energy source view.

**Key words:** cosmetics & toiletries, environment, risk assessment, life cycle assessment, biodegradation.