Hydrating Cream

Technology Overview
Hydration plays an important role in maintaining the metabolism, enzyme activity, mechanical properties, appearance and barrier function of the skin. Singapore has a tropical climate that prevails throughout the year. The humidity combination with high temperature increases perspiration and excess oil production. Under a humid environment, skin barrier recovery is delayed which decreases its response to external changes. With prolonged dry air-conditioning in-door environment, many people faces the problem that comes with dry dehydrated skin and enlarged skin pore. In addition, the world’s population is aging. A highly prevalent skin type or skin condition among elder is dry skin.¹

In our research work, a formula of moisture cream is developed. This cream provides hydration effect without feeling heavy.

Technology Features & Specifications
✓ Emollients are are used in preventing, restoring and maintaining the hydration of the stratum corneum without altering the skin’s normal transpiration.
✓ A potent anti-oxidant with moisturizing and soothing properties on skin.
✓ The formulation has a natural oil scent with no fragrance added.

Market Trends & Opportunities
The research data indicated that almost 30% of the population aged over 16 years old are of dry skin type. A much higher proportion of dry skin type was found in elder age group. This indicates the need for hydration skincare products.²

Benefits
✓ A long – lasting hydrating cream

Potential Application
✓ Skin care industry
✓ Cosmetics industry
✓ Healthcare
✓ Health-promoting industry

Commercialisation
✓ Ready for commercialization
✓ Available for licensing
✓ Accepting business plans from interested parties

Intellectual Property
✓ Formulation / know-how

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References: