

PALM BASED SKINCARE PRODUCTS WITH NATURAL EXTRACT

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In this modern, IT oriented world, consumers are exposed to a lot of high technology oriented products. Yet when it comes to cosmetics and skin care preparations, many seem to be turning back to the familiar, particularly products related to nature or simply natural. Currently the natural product category is flourishing, with many manufacturers claiming their products to be natural or naturally derived. Consumers often associated the term natural with vegetable/plant derived, mild and environmentally friendly. This natural trend is not unfounded as the main competitor, cosmetic products derived from petroleum could contain polyaromatic hydrocarbon, which are toxic and carcinogenic to humans.



Millennium Care Collections of Palm Based Cosmetic Products

Palm based oleochemicals are some of the answers to the manufacturers quest for natural or naturally derived raw materials for cosmetic preparation. Besides being plant derived, palm based oleochemicals and their derivatives are also acceptable to all religions. This is in contrast to tallow or lard based products which are unacceptable to the Hindus and Muslims.

Currently palm based oleochemicals, such as glycerin, fatty alcohols, fatty esters and fatty amines are widely used in cosmetics and personal care products to serve various purposes such as emulsifiers, humectants, emollients, lubricants and conditioners.

Natural active ingredients could be added to enhance the performance of palm-based formulations. Plant extract from oat, ginkgo biloba, calendula and many others could serve various functions to the skin.

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EYE CONTOUR GEL WITH GATULINE RC AND GINKGO BILOBA EXTRACT



Figure 1. Eye Contour Gel.

Functional cosmetics represent a modern tool for the management of unattractiveness, mainly related to the ageing skin. Fine wrinkles especially around eye area can be very disturbing to some people who are really concern about their appearance. This eye contour gel is especially formulated with Gatuline RC, an active agent derived from Beech tree buds extract, known as high energy active, contain numerous hormones, flavonoids and peptides such as phytostimulines. In combination with Ginkgo Biloba, Beech tree bud extract forms a powerful tool to minimize the appearance of wrinkles and skin ageing by acting as anti oxidant and free radical scavenger. The presence of glycerin in the formula helps to maintain the moisture balance of the skin thus keeping the skin moisturized and supple.

SKIN WHITENING GEL WITH GATULINE WHITENING AND KOJIC ACID



Figure 2. Skin Whitening Gel.

Whitening products are the new craze in skin care treatment especially in the Asia Region where fairer looking skin is often associated with high-class society. Currently the trend in skin whitening preparation is towards natural whitening agent especially those containing plant extract. In this formulation Gatuline Whitening, an active system composed of kojic acid, lactic acid, licorice extract and transcutol (an absorption enhancer) are used. Kojic acid, an active whitening ingredient extracted from mushroom is also added, to work on the melanocytes to inhibit the tyrosinase activity hence reducing melanin synthesis. Glycerin is also added into this formulation to moisturize the skin leaving it soft and supple.

FACIAL CLEANSING MILK WITH CALENDULA EXTRACT



Figure 3. Palm Based Facial Cleansing Milk.

Most facial contamination is oiliness, either from make-up or sebum combined with perspiration and atmospheric pollution. These oily residues can be removed by using facial cleanser, which is normally a liquid emulsion. Palm Based Facial Cleansing milk with Calendula extract is an oil-in-water emulsion. It contains mild emulsifier that could emulsify the oily residues enabling it to be removed with damp cotton wool. This formulation is especially formulated with calendula (marigold) extract, an active agent which could act as healing and anti-inflammatory agent for acne skin. In addition, Calendula extract can also help to moisturize and soothe the skin.

DAY CREAM WITH SUNSCREEN AND OAT EXTRACT



Figure 4. Day Cream with Sunscreen.

When our skin is clean and refreshed, it needs protection and replenishment of lost natural oils and moisture regulators. Palm based day cream with sunscreen and oat extract is particularly designed to be worn during daytime to protect the skin from the environment. The presence of a combination of chemical and physical sunscreen agents with Sun Protection Factor (SPF) of 10 (in-vitro method) protects the skin from the harmful effect of UV radiation. The addition of oat extract in the formulation helps to soothe and moisturize the skin to give clear and healthy looking complexion.

NIGHT CREAM WITH CALENDULA EXTRACT



Figure 5. Night Cream.

Night cream as the name implies is used at night. It is of high oil content and do not dry quickly but stay oily long enough to be massaged into the skin. This massaging action is very beneficial

to facial tissues and helps in the penetration of the active agents present in the products. Palm based night cream with calendula extract helps to replenish and moisturizes the skin throughout the night. The presence of calendula extract helps to moisturize, heal and soothe the skin.

PALM BASED SOAP WITH TAWAS



Figure 6. Palm Based Soap with Tawas.

Tawas, also known as alum is a type of chemical commonly used in water treatment to purify the water and separate the solid particles. In cosmetic preparation Tawas is normally used in deodorant preparation to absorb mal-odor. In the Philippines, the use of Tawas in soap is widespread. It is claimed that Tawas gives a bleaching effect. Palm based soap with Tawas is formulated to remove dead cells giving rise to healthier and younger looking skin.

PALM BASED SOAP WITH NATURAL SCRUBBING AGENT

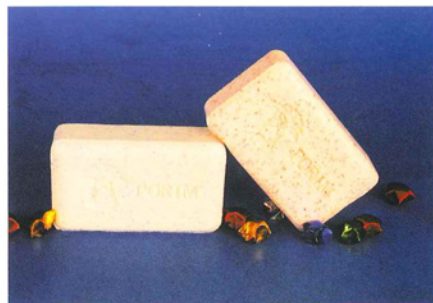


Figure 7. Palm Based Soap with Natural Scrubbing Agent.

Removal of dead skin cell buildup, has long been recognized as an excellent method to improve the skin's appearance by revealing younger cells, making the skin's surface looks smoother and clearer. Basically there are two types of exfoliation, the chemical and the mechanical types. Chemical exfoliation involves the use of acids and enzymes to reduce excess corneocytes on the skin surface. On the other hand, mechanical exfoliation involves the use of physical scrubbing agents such as apricot kernel seeds, polyethylene particles and others. These are all harsh exfoliatives, which if use daily might cause cut, burn and irritate the skins. Palm based soap with natural scrubbing agent is formulated with natural scrubbing agent known as florabeads. Florabeads are free-flowing micro spheres derived from jojoba oil. It is gentle enough to be used daily yet just as effective as conventional mechanical exfoliatives. Besides exfoliation, florabeads also deposits a soothing layer of jojoba esters onto the skin.

CONCLUSION

By careful selection of relevant plant extracts, coupled with the goodness of palm oil based oleochemicals and their derivatives, a lot of functional and elegant skin care products can be formulated to meet specific consumer demands.

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