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Research Study

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## Kalon lueur soap: the natural hydrating, moisturizing, nourishing & cleansing soap.

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### ABSTRACT

Beauty soap contains hundreds of chemicals and compounds that are toxic to our body. Some of these include skin irritants and even endocrine disruptors which interfere with the body's hormonal system and potentially have developmental, reproductive, neurological, and immune adverse effects, According to the National Institute of Environmental Health Sciences these chemicals are known to cause irritation to the skin and interfere with the normal functioning of reproductive and thyroid hormones, where as KalonLueur Soap, The Natural Hydrating , Moisturizing, Nourishing & Cleansing soap is enriched with Aquaxyl & Vitamin E TGPS. This Unique blend is simply nourishing and highly oxidizing in nature, Helps fight the free radicals (caused due to pollution and sun exposure), thereby leaving the skin smooth and hydrated skin.3d hydration Hydra concept in Kalon Lueur Soap offers circulation of water optimized throughout all layers of the skin, up to the surface. It moisturizes and restructures the skin barrier reinforced in 24 hours which limits the water loss thus Promotes softer, smoother skin in 28 days. This makes the skin more resistant and better equipped to combat external aggression.

### INTRODUCTION

There are several anti-bacterial soaps currently available in the market that contains harmful anti-microbial chemicals. These Beauty soap contains hundreds of chemicals and compounds that are toxic to our body & cause skin irritantation, Allergy and even endocrine disruptors which interfere with the body's hormonal

system and potentially have developmental, reproductive, neurological, and immune adverse effects, The chemicals present in these soap is known to cause irritation to the skin and interfere with the normal functioning of reproductive and thyroid hormones. These Harmful Chemical ingredients found in synthetic soaps are as follows-

## NaturalKalon Lueur soap Vs Synthetic Beauty soap which is the best one.



Figure 1

### Triclosan

This chemical is known to cause irritation to the skin and interfere with the normal functioning of reproductive and thyroid hormones.

### Formaldehyde

This chemical is commonly found in body washes, cleansers, shampoos and conditioners among other things. It is added to the product as it prevents bacterial growth. According to the International Agency for Research on Carcinogens, it has been associated with occupational cancers such as nasopharyngeal and nasal cancers. It has also been termed as a human carcinogen. There have been several cases of skin allergies and it can even affect the immune system.

### Parabens

These have been in wide use in the cosmetic and beauty industry as a preservative to prevent mold, bacteria and yeast from growing in the products. They are commonly found in many body washes, shampoos and cleansers amongst others. The use of this chemical has been linked with breast tumors found in women.

### Benzoyl Peroxide

This chemical is usually used for the products meant for acne treatment. Most products that contain this chemical have it in minute quantity such as 2.5% or 5%. It can cause dryness of the skin leading to irritation. To those with sensitive skin, the effects can include burning, peeling, itching and even swelling. It has also been classified as a potentially carcinogenic chemical.

### D&C Yellow 11

The colors used in the skin care and other beauty products are characterized by the prefix D&C which

stands for Drugs and Cosmetics, followed by the color and its code. This chemical is found in soaps and is safe only when the use is external. It can be extremely harmful if used in the area surrounding the eyes

### Lye

One of the main ingredients found in many soaps, it is classified as a caustic chemical that has the potential to cause a lot of damage to the skin. Though normally there would be a reaction between lye and fat used in the soap-making process to generate glycerin as a by-product. If the process has been followed correctly, there would be no free lye available in the product. But if lye is present, it can dry out the skin and even cause burning.

### Fragrance

Companies have the liberty to pass on their chemical cocktail under the fragrance label since that would mean not having to disclose all the ingredients (it is a trade secret after all). However, many companies use this label to sneak in some of the harmful chemicals such as phthalates in the products. There have been cases reported where constant exposure has resulted in asthma and migraines among others.

### Sodium Laureth Sulfate

Almost all foaming personal and cleaning care products contain this chemical. While it is known to be an irritant to eye, skin and lungs, studies show that it has the potential combine with other chemicals to form carcinogenic compounds. These compounds of nitrosamines can also be the cause of several respiratory and kidney related diseases.

## PEG-6

Though this ingredient is also commonly found in most soap, it has been reported as being potentially

carcinogenic. Regular exposure has shown a link between usage and chances of breast cancer.

## Kalon lueur soap: the natural hydrating, moisturizing, nourishing & cleansing soap

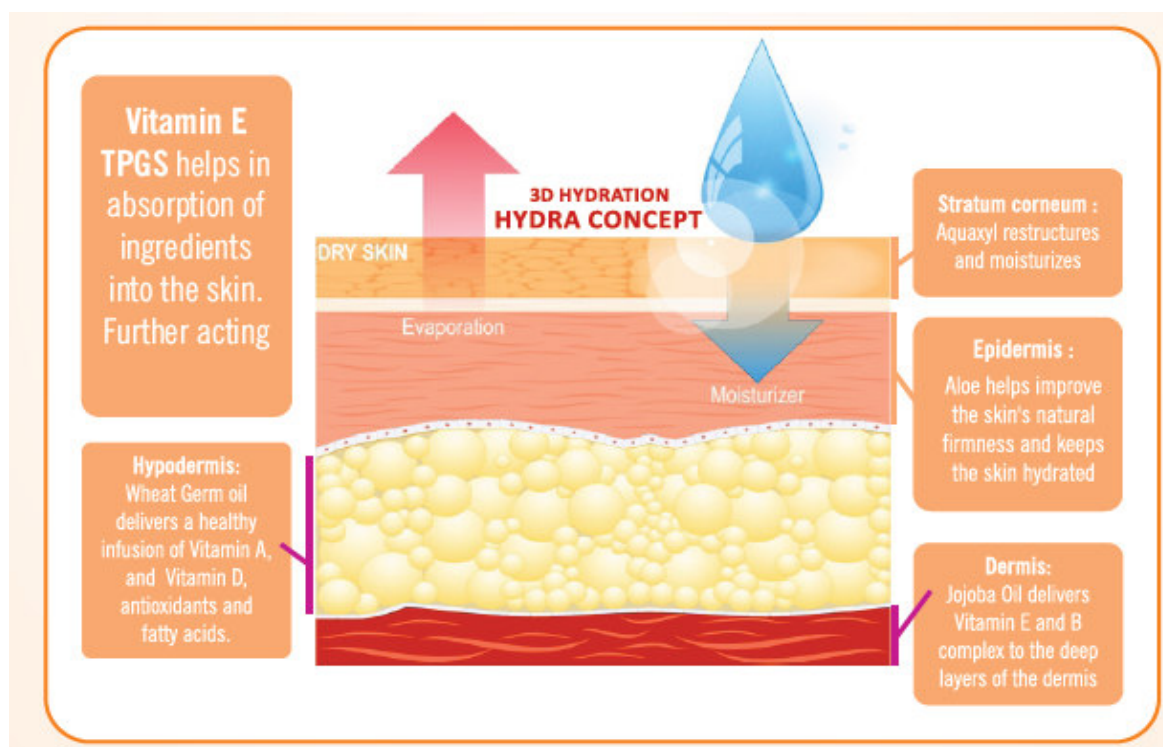


Figure 2

## Mechanism of Action

KALON LUEUR SOAP is enriched with Aquaxyl & Vitamin E TPGS. This Unique blend is simply nourishing and highly oxidizing in nature. Helps fight the free radicals (caused due to pollution and sun exposure), that destroy the skin cells, thereby leaving the skin smooth and hydrated skin.

3d hydration Hydra concept in kalon lueur soap offers circulation of water optimized throughout all layers of the skin, up to the surface. kalon lueur soap moisturizes and restructures the skin barrier reinforced in 24 hours which limits the water loss. kalon lueur soap Promotes softer, smoother skin in 28 days. The skin is more resistant and better equipped to combat external aggression.

Aquaxyl 3d hydration Hydra concept in kalon lueur soap offers circulation of water optimized throughout all layers of the skin, up to the surface. kalon lueur soap moisturizes and restructures the skin barrier reinforced in 24 hours which limits the water loss. kalon lueur soap Promotes softer, smoother skin in 28 days.

## Pharmacological Action of each Ingredient. Aquaxyl (FRANCE)

3d hydration Hydra concept which offers circulation of water optimized throughout all layers of the skin, up to the surface. It moisturizes and restructures the skin barrier reinforced in 24 hours which limits the water loss. Promotes

softer, smoother skin in 28 days. The skin is more resistant and better equipped to combat external aggression.

## Vitamin E TPGS

This is a specialized form of Vitamin E, which helps in the absorption of ingredients into the skin, acting as an absorption and permeability enhancer. It is also the most efficient source of vitamin E, that helps maintain skins moisture and bounce.

## Aloe Vera

It moisturizes the skin without giving it a greasy feel. It acts as a moisturizer and is great for the face prior to the application of make up to prevent skin drying. Aloe leaves contain a plethora of antioxidants including, beta carotene, vitamin C and E that can help improve the skin's natural firmness and keep the skin hydrated.

## Wheat germ oil

It delivers to the skin a healthy infusion of Vitamin A, Vitamin E, Vitamin D, antioxidants and fatty acids. It helps reduce skin damage, fights free radicals, supports healthy collagen formation and maintains even skin tone.

## Jojoba Oil

It Soothes Dry Skin and has anti-inflammatory properties. The Vitamin E and B-complex vitamins in the Jojoba oil help in skin repair and damage control.

## SUMMARY & CONCLUSION

KALON LUEUR SOAP is enriched with Aquaxyl & Vitamin E TGPS. This Unique blend is simply nourishing and highly oxidizing in nature. Helps fight the free radicals (caused due to pollution and sun exposure), that destroy the skin cells, thereby leaving the skin smooth and hydrated skin.

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Vitamin E TPGS in kalon leur soap, A specialized form of Vitamin E which helps in the absorption of ingredients into the skin, acting as an absorption and permeability enhancer.

Aloe Vera in kalon leur soap moisturizes the skin without giving it a greasy feel. It acts as a moisturizer and is great for the face prior to the application of make up to prevent skin drying. Aloe in kalon leur soap contain a plethora of antioxidants including, beta carotene, vitamin C and E that can help improve the skin's natural firmness and keep the skin hydrated.

Wheat germ oil in kalon leur soap delivers to the skin a healthy infusion of Vitamin A, Vitamin E, Vitamin D antioxidants and fatty acids. It helps reduce skin damage, fights free radicals, supports healthy collagen formation and maintains even skin tone.

Jojoba Oil in kalon leur soap Soothes Dry Skin and has anti-inflammatory properties. The Vitamin E and B-complex vitamins in the Jojoba oil help in skin repair and damage control.

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