

## Composition

**Noir Cream:** Each gram cream contains Hydroquinone USP 40 mg.

## Description

Hydroquinone is used as an active ingredient in skin care products. It is an effective skin lightening agent to treat bleach age and dark spots as well as other skin hyperpigmentation concerns. Topical use of Hydroquinone produces reversible depigmentation of skin by inhibition of the enzymatic oxidation of tyrosine to 3,4-dihydroxy-phenylalanine (DOPA) and suppression of other melanocyte metabolic process.

## Indications

Gradual bleaching of hyperpigmented skin conditions such as chloasma, melasma, freckles, senile lentigines and other unwanted areas of melanin hyperpigmentation. To reduce hyperpigmentation caused by photosensitization associated with inflammation or with the use of certain cosmetics.

## Dosage & Administration

Hydroquinone should be applied to the affected area and rubbed in well twice daily or as directed by a physician. After 4 weeks most discolorations begin to lighten but it may take longer. Hydroquinone bleaching is more faster, dependable and easier if the treated area is protected from ultraviolet light. So exposure to sunlight should be minimized at the period of treatment.

## Contra Indications

Hydroquinone is contraindicated to patients with prior history of hypersensitivity or allergic reaction to Hydroquinone or other ingredients.

## Side-Effects

No systemic adverse reactions have been reported. Occasional hypersensitivity may occur in which case medication should be avoided.

## Precautions

Hydroquinone should use according to proper direction to avoid unwanted cosmetic effects. Skin sensitivity should test with small amount of Hydroquinone before using regularly. Treatment should not be continued in the case of itching, vesicle formation or excessive inflammatory responses. Contact with eyes and lips should be avoided and should not be applied to cut and abraded skin. Treatment should be discontinued after two months if bleaching or lightening is not noted.

## Drug Interactions

Concurrent use of peroxide may result in transient dark staining of skin areas due to oxidation of Hydroquinone.

## Pregnancy & Breastfeeding

It is not known that use of topical Hydroquinone may harm to fetus or affect reproductive capacity. It is unknown what degree, if any, topical Hydroquinone is absorbed systemically. Hydroquinone should be used topically in pregnant women when it is clearly indicated. It is not known Hydroquinone absorbed or excreted in human milk. Caution is advised when topical Hydroquinone is used by a nursing mother. Safety and efficacy have not been established below the age of 12 years children.

## Overdosage

Use of topical hydroquinone has no systemic reactions. Some patients may experience a transient reddening of skin and mild burning sensation which does not preclude treatment.

## How Supplied

**Noir cream:** Each tube contains 10 gm cream.

