

# CUTACNYL

Benzoyl Peroxide

## FORM AND PRESENTATION

5% lotion and 10% lotion: 40 ml bottles

2.5% gel, 5% gel and 10% gel for topical application: 40 g tubes

## COMPOSITION

Lotion	per 100 g	per bottle
Cutacnyl 5 benzoyl peroxide	5 g	1.8 g
Cutacnyl 10 benzoyl peroxide	10 g	3.6 g
Excipient: cetyl alcohol, propylene glycol, sodium lauryl sulphate, hydroxyethylcellulose, purified water (88%)		
Gel	per 100 g	per bottle
Cutacnyl 2.5 benzoyl peroxide	2.5 g	1 g
Cutacnyl 5 benzoyl peroxide	5 g	2 g
Cutacnyl 10 benzoyl peroxide	10 g	4 g

Excipient: carboxypolymethylene, edetate disodium, dioctyl sodium sulfosuccinate, anhydrous colloidal silica, propylene glycol, polyoxypropylene glycol, polyoxyethylene, sodium hydroxide 10% solution, purified water.

## PROPERTIES

Topical anti-acne preparation

At the current state of our knowledge, the pathogenesis of acne comprises several factors:

- seborrhoeic hypersecretion (androgen-dependent)
- sebum retention, due to abnormal keratinisation of the infra-infundibulum of the pilosebaceous follicle, resulting in the formation of comedones and microcysts (essential symptomatological elements).
- inflammatory reaction induced by saprophytic micro-organisms (*Propionibacterium acnes*, *Staphylococcus epidermidis* etc.) and certain irritant components of sebum, leading to the formation of inflammatory papules, pustules and nodules.

Benzoyl peroxide acts essentially by antibacterial action on *P.acnes*, causative agent of inflammatory phenomena; it is, secondarily, moderately keratolytic and sebostatic. The mainly aqueous formulation of the excipient (86%), reduces the risk of irritation sometimes observed at the onset of treatment.

## FATE OF THE DRUG

Benzoyl peroxide penetrates the skin where it is transformed into benzoic acid which is absorbed systemically.

## INDICATIONS

Acne vulgaris

Cutacnyl 2.5 and Cutacnyl 5 are preferentially used in the following:

- Onset of acne conditions in the adolescent;
- in subjects with delicate skin, notably children and fair or red-haired subjects
- Primary treatment, during a trial period, to determine whether the preparation is well tolerated.
- maintenance treatment of acne in remission.

## CONTRA-INDICATIONS

Do not use in patients sensitive to peroxides (hydrogen peroxide)

## PRECAUTIONS

Precise information supplied to the patient can avert premature and unjustified discontinuation of treatment.

- Slight irritation is possible, especially at the onset of treatment; it does not represent intolerance or an allergy to the topical preparation while it remains moderate. It is appropriate, however, to establish the sensitivity of the individual preceding treatment with a "touch test".

- To reduce these irritation phenomena to the minimum:

- do not apply to skin already irritated by prior treatment
- as a rule, avoid the concomitant use of other topical keratolytic or detergent therapy.
- use a mild cleansing bar (wash the skin no more than twice a day); abstain from the use of cosmetics or other perfumed or alcohol-based skin products;
- avoid exposure to the sun at the onset of treatment; subsequently, it is preferable to use a sunscreen;
- abstain from the use of UV lamps;
- particular prudence is recommended in the case of fair-skinned subjects and on the more fragile tegumental areas (neck, décolleté, collar bone "salt cellars", eye contours and mouth).

- In the event that irritation phenomena are excessive, increase the period between applications and/or use a lower concentration.

- If excessive irritation persists despite taking precautions, treatment should be discontinued.

- In the event of accidental application to the mucous membranes (eyes, mouth, nostrils) or to the eyelids, rinse very thoroughly with water.

- Avoid application to an existing skin abrasion or lesion.

## SIDE EFFECTS

- Photosensitization
- Excessive or prolonged irritation despite attention to the precautions
- Discoloration of some textile fibres (clothes, bedding etc.)

## ADMINISTRATION AND DOSAGE

Adjust according to the response to treatment and individual sensitivity (cf. precautions).

As a rule, 1 or 2 applications daily.

One application every 2 to 3 days as maintenance treatment with Cutacnyl 2.5 or Cutacnyl 5. Apply Cutacnyl, massaging lightly with the fingertips to complete absorption of the preparation. Wash the hands after application.

## STORAGE

Store in a cool place; avoid placing near an open flame.