Epiduo® Forte

Benzoyl Peroxide

3 mg/25 mg (0.3%/2.5%) per gram Topical Gel

ANTI-ACNE

PRODUCT DESCRIPTION

yellow opaque gel containing 0.3% w/w (3 mg/g) of adapalene and 2.5% w/w (25 preparation less frequently (e.g. every other day). Once-daily application may be mg/g) of benzoyl peroxide, as the drug substances, dispersed in an aqueous gel dosage form, for the topical treatment of acne vulgaris.

FORMULATION: Each gram contains:

Adapalene, Ph. Eur. 25 mg (2.5% w/w)

Excipients: Simulgel 600 PHA, Docusate sodium, Edetate disodium, Glycerin, Poloxamer 124, Propylene glycol, Purified water

GENERAL PHARMACOLOGY

PHARMACODYNAMICS

Mechanism of action and Pharmacodynamic effects:

Epiduo combines two active substances, which act through different, but Adapalene + Benzoyl Peroxide (Epiduo/Epiduo Forte) should not come into complementary, mechanisms of action.

- Adapalene: Adapalene is a chemically stable, naphthoic acid derivative with retinoid-like activity. Biochemical and pharmacological profile studies have This product contains propylene glycol (E1520) that may cause skin irritation. If a modulator of cellular differentiation and keratinisation and it has anti- Adapalene + Benzoyl Peroxide (Epiduo Forte) should be discontinued. inflammatory properties. Mechanistically, adapalene binds to specific retinoic acid nuclear receptors. Current evidence suggests that topical adapalene normalizes the differentiation of follicular epithelial cells resulting in decreased should be instructed to use a moisturizer, reduce the frequency of the application microcomedone formation. Studies in acne patients provide clinical evidence of Adapalene + Benzoyl Peroxide (Epiduo Forte) gel, or discontinue u that topical adapalene is effective in reducing the noninflammatory acne lesions (open and closed comedones). Adapalene inhibits the chemotactic (directional)

 As with other topical retinoids, use of "waxing" as a depilatory method should be avoided and chemokinetic (random) responses of human polymorphonuclear leucocytes in in vitro assay models; it also inhibits the metabolism of arachidonic acid to in in vitro assay models; it also inhibits the metabolism of arachidonic acid to inflammatory mediators. In vitro studies have shown inhibition of the AP-1 factors and the inhibition of the expression of toll like receptors 2. This profile suggests that the cell mediated inflammatory component of agencies reduced by advantages. that the cell mediated inflammatory component of acne is reduced by adapatene. spices, or limes).
- Benzoyl peroxide: Benzoyl peroxide has been shown to have antimicrobial activity; particularly against P. acnes, which is abnormally present in the acne-Adapalene + Benzoyl Peroxide (Epiduo/Epiduo Forte) should not come into exfoliative and keratolytic activities. Benzoyl peroxide is also sebostatic, result in bleaching and discoloration. counteracting the excessive sebum excretion associated with acne.

As both active substances (adapalene and benzoyl peroxide) are well- Pharmacokinetic studies have not been conducted in subjects with a medical characterized pharmacologically, and as no interactions are likely to occur, no specific nonclinical pharmacology studies were performed with Epiduo. Safety excretion of Adapalene + Benzoyl Peroxide (Epiduo/Epiduo Forte), in particular, pharmacological studies for both individual active substances (adapalene and a history of hepatic or renal disease benzoyl peroxide) suggest no overall impairment of the major physiological body systems (including central nervous system, cardiovascular and respiratory Use in Hepatically Impaired functions).

PHARMACOKINETICS

A pharmacokinetic study was conducted in 26 adult and adolescent subjects (12 a history of hepatic or renal disease. to 33 years of age) with severe acne vulgaris who were treated with once-daily applications during a 4-week period with, on average, 2.3 grams/day (range 1.6-The safety and efficacy of Adapalene + Benzoyl Peroxide (Epiduo/Epiduo Forte) 3.1 grams/day) of Epiduo Forte gel or Adapalene 0.3% gel applied as a thin layer in geriatric patients aged 65 years and above have not been established. to the face, shoulders, upper chest and upper back. After a 4-week treatment. 16 subjects (62%) had quantifiable adapalene plasma concentrations above the Use in Pediatrics limit of quantification of 0.1 ng/mL, with a mean Cmax of 0.16 ± 0.08 ng/mL and a Safety and effectiveness of Adapalene + Benzoyl Peroxide (Epiduo Forte) gel mean AUC0-24hr of 2.49 ± 1.21 ng.h/mL. The most exposed subject had in pediatric patients under the age of 12 have not been established adapalene Cmax and AUC0-24hr of 0.35 ng/mL and 6.41 ng.h/mL, respectively. Excretion of adapalene appears to be primarily by the biliary route. Benzoyl Carcinogenesis/mutagenesis peroxide is absorbed by the skin where it is converted to benzoic acid and Preclinical data reveal no special hazard for humans based on conventional eliminated in the urine.

INDICATIONS

DOSAGE AND ADMINISTRATION

thin film to the entire acne affected areas of the face, chest and back once daily in the evening, on a clean and dry skin.

A small amount of Adapalene + Benzoyl Peroxide (Epiduo Forte) should be medications should not be applied to cuts, abrasions, eczematous, or sunburned

Discontinue treatment if a severe local inflammatory response is experienced Adapalene + Benzoyl Peroxide (Epiduo Forte) Gel is a white to very pale Reinstitute therapy when the reaction has subsided, initially applying the

Missed Dose

If a single dose is missed, dosing should continue as per usual the following day, .. 3 mg (0.3% w/w) and the usual amount should be applied.

CONTRAINDICATIONS

Hypersensitivity to the active substance or to any of the excipients. Pregnancy.

WARNINGS AND PRECAUTIONS

Adapalene + Benzoyl Peroxide (Epiduo / Epiduo Forte) Gel should not be applied to damaged skin, either broken (cuts or abrasions), eczematous or sunburne

Damaged skin. either broken (cuts or abrasions), eczematous or sunburned.

contact with the eyes, mouth, nostrils or mucous membranes. If product enters the eve, wash immediately with warm water

demonstrated that adapalene acts in the pathology of Acne vulgaris: it is a potent reaction suggesting sensitivity to any component of the formula occurs, the use of

affected pilosebaceous unit. Additionally benzoyl peroxide has demonstrated contact with any coloured material including hair and dyed fabrics as this may

Use in Renally Impaired

Pharmacokinetic studies have not been conducted in subjects with a medical condition which might interfere with the absorption, distribution, metabolism, or excretion of Adapalene + Benzoyl Peroxide (Epiduo/Epiduo Forte), in particular,

studies of genotoxicity and carcinogenicity.

PREGNANCY AND LACTATION

Adapalene + Benzoyl Peroxide (Epiduo Forte) is indicated for the cutaneous PREGNANCY. Animal studies by the oral route have shown reproductive toxicity treatment of moderate to severe Acne vulgaris in patients 12 years of age and older.

at high systemic exposure. Clinical experience with locally applied adapalene older. indicate harmful effects in patients exposed in early pregnancy. Due to the limited available data and because a very weak cutaneous passage of adapalene is Adapalene + Benzoyl Peroxide (Epiduo Forte) Topical Gel should be applied as a possible, Adapalene + Benzoyl Peroxide (Epiduo/Epiduo Forte) should not be used during pregnancy. In case of unexpected pregnancy, treatment should be

LACTATION. No study on animal or human milk transfer was conducted after A small amount of Adapalene + Benzoyl Peroxide (Epiduo Forte) should be applied to provide a thin film, avoiding eyes, lips and mucous membranes. These No effects on the breastfed newborn/infant are anticipated since the systemic exposure of the breast-feeding woman to adapalene and benzoyl peroxide are negligible. Adapalene + Benzoyl Peroxide (Epiduo/Epiduo Forte) can be used during breast-feeding. To avoid contact exposure of the infant, application o If irritation occurs, the patient should be directed to apply non-comedogenic Adapalene + Benzoyl Peroxide (Epiduo/Epiduo Forte) to the chest should be moisturizers.

APPROVED

By Samuel Evan Pacamparra at 7:06 pm, May 25, 2023

SPECIAL HANDLING INSTRUCTIONS

Adapalene + Benzoyl Peroxide (Epiduo Forte) should be used within a period of 3 months after first opening. Any unused portion should be discarded 3 months after opening or at product expiry date (whichever comes first).

Marketing Authorization Holder

Galderma Philippines, Inc. 35th Floor, Joy-Nostalg Center
A reproductive and developmental toxicity study conducted in rats exposed
No. 17 ADB Avenue, Ortigas Center, Pasig City, Philippines

Manufactured by:

G PRODUCTION INC 19400 Rte Transcanadienne BAIE D'URFE, QUEBEC, CANADAH9X3S4

exercised if cosmetics with desquamative, irritant or drying effects are used, as www.fda.gov.ph and to Galderma Local Safety Officer at

Airless Pump System: DR-XY46058

Date of Approval of the Authorization:

DR-XY46059: 04 October 2017

Date of Revision of Package Insert: 13 May 2022

0302112020

groups to oral doses of benzoyl peroxide of up 1000 mg/kg/day (5 mL/kg) showed

function at doses up to 500 mg/kg/day.

NTERACTIONS

and reproductive function of F1 offspring

Forte).

No interaction studies have been performed

From previous experience with adapalene and benzoyl peroxide, there are no known interactions with other medicinal products which might be used Foods, Drugs, Devices, and Cosmetics Act prohibits dispensing without cutaneously and concurrently with Adapalene + Benzoyl Peroxide prescription. (Epiduo/Epiduo Forte). However, other retinoids or benzoyl peroxide or drugs with a similar mode of action should not be used concurrently. Caution should be For suspected adverse drug reaction, report to the FDA at they may produce additive irritant effects with Adapalene + Benzoyl Peroxide philippines pharmacovigilance@galderma.com (Epiduo/Epiduo Forte).

No fertility studies were conducted with Adapalene + Benzoyl Peroxide (Epiduo

In rat oral studies, 20 mg adapalene/kg/day did not affect the reproductive performance and fertility of F0 males and females, or the growth, development

that Benzoyl peroxide did not induce teratogenicity or effects on reproductive

Absorption of adapalene through human skin is low, and therefore interaction Tube: DR-XY46059 with systemic medicinal products is unlikely.

The percutaneous penetration of benzoyl peroxide in the skin is low and the drug DR-XY46058: 04 October 2017 substance is completely metabolised into benzoic acid which is rapidly eliminated. Therefore, the potential interaction of benzoic acid with systemic medicinal products is unlikely to occur.

Concomitant topical acne therapy is not recommended because a possible cumulative irritancy effect may occur, especially with the use of peeling, desquamating, or abrasive agents

ADVERSE DRUG REACTIONS

Adverse Reactions-clinical studies

Treatment-related adverse events or adverse reactions typically associated with use of Adapalene + Benzoyl Peroxide (Epiduo Forte) include mild to moderate application site reactions, such as skin irritation characterized by scaling, dryness, erythema, and burning1/stinging. These reactions usually occur early in the treatment and tend to gradually lessen and subside spontaneously over time.

Tabulated summary of adverse reactions

The adverse reactions are classified by System Organ Class and frequency, using the following convention: very common (≥ 1/10), common (≥1/100 to <1/10), uncommon (≥1/1,000 to <1/100), rare (≥1/10,000 to <1/1,000), very rare (<1/10,000), not known (cannot be estimated from the available data) and were reported in vehicle-controlled Phase 3 study with Epiduo Forte.

System Organ Class (SOC)	Frequency	Adverse Reactions
Eye disorders	Uncommon	Erythema of eyelid
Nervous system disorders	Uncommon	Paresthesia (tingling at application site)
Skin and subcutaneous tissue disorders	Uncommon	Skin irritation, eczema, skin burning sensation, atopic dermatitis
	Uncommon	Pruritus, rash, dry skin
	Uncommon	Application site burn

OVERDOSE AND TREATMENT

Adapalene + Benzoyl Peroxide (Epiduo / Epiduo Forte) is for once-daily cutaneous use only

In case of accidental ingestion, appropriate symptomatic measures should be

Activated charcoal may be administered to aid in the removal of unabsorbed drug. General supportive measures are recommended

Acute overdosage with the topical use is unlikely. If the medications are applied excessively, no more rapid or better results will be obtained and marked redness, peeling or discomfort may occur

The acute oral toxicity of adapalene topical gel, 0.1% in mice and rats is greater than 10 mL/kg (10 mg/kg). Inadvertent oral ingestion of adapalene may lead to the same adverse effects as those associated with excessive oral intake of Vitamin A, including teratogenesis in women of childbearing years. Therefore, pregnancy testing should be carried out in women of childbearing potential who have ingested the product

STORAGE CONDITION:

Store at temperatures not exceeding 25°C Protect from light. Keep out of reach of children. Keep away from heat

AVAILABILITY:

15g, 30g, and 45g in White airless pump system composed mainly of a PP/HDPE bottle and a PP pump/overcap (Box of 1's)

2g and 5g in High Density Polyethylene (HDPE) Tube with polypropylene (PP)

GALDERMA

GPIAW-23010