

# **CLOBETASOL PROPIONATE - clobetasol propionate spray**

## **Aleor Dermaceuticals Limited**

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### **HIGHLIGHTS OF PRESCRIBING INFORMATION**

**These highlights do not include all the information needed to use CLOBETASOL PROPIONATE SPRAY safely and effectively. See full prescribing information for CLOBETASOL PROPIONATE SPRAY.**

**CLOBETASOL PROPIONATE spray, for topical use.**

**Initial U.S. Approval: 1985**

### **INDICATIONS AND USAGE**

Clobetasol propionate spray, 0.05% is a corticosteroid indicated for the topical treatment of moderate to severe plaque psoriasis affecting up to 20% body surface area (BSA) in patients 18 years of age or older. (1.1)

Limitations of Use:

- Do not use on the face, axillae or groin. (1.2)
- Do not use if atrophy is present at the treatment site. (1.2)
- Do not use for rosacea or perioral dermatitis. (1.2)

### **DOSAGE AND ADMINISTRATION**

- Not for oral, ophthalmic, or intravaginal use. (1.2)
- Sprayed directly onto the affected skin areas twice daily and rub in gently. (2)
- The total dosage should not exceed 50 g (59 mL or 2 fluid ounces) per week. Do not use more than 26 sprays per application or 52 sprays per day. (2)
- Treatment beyond 2 weeks should be limited to localized lesions of moderate to severe plaque psoriasis that have not sufficiently improved after the initial 2 weeks of treatment with clobetasol propionate spray, 0.05%. (2)
- Do not use for more than 4 weeks. (2)

### **DOSAGE FORMS AND STRENGTHS**

Spray, 0.05% w/w (3)

### **CONTRAINDICATIONS**

None. (4)

### **WARNINGS AND PRECAUTIONS**

- Clobetasol propionate is a highly potent topical corticosteroid that has been shown to suppress the HPA axis at the lowest doses tested. (5.1)
- Cushing's syndrome, hyperglycemia, and unmasking of latent diabetes mellitus can also result from systemic absorption of topical corticosteroids. (5.1)
- Systemic absorption may require periodic evaluation for HPA axis suppression. Modify use if HPA axis suppression develops. (5.1)
- Children may be more susceptible to systemic toxicity from use of topical corticosteroids. (5.1, 8.4)
- Clobetasol propionate spray may increase the risk of cataract and glaucoma. If visual symptoms occur, consider referral to an ophthalmologist. (5.2)
- Local adverse reactions with topical corticosteroids may occur more frequently with the use of occlusive dressings and higher potency corticosteroids, including clobetasol propionate. (5.3)
- Clobetasol propionate spray, 0.05% is flammable; keep away from heat or flame. (5.6)

### **ADVERSE REACTIONS**

In controlled, clinical trials with clobetasol propionate spray, 0.05%, the most common adverse reactions (incidence > 2%) were burning, pruritus, nasopharyngitis, upper respiratory tract infection. (6.1)

**To report SUSPECTED ADVERSE REACTIONS, contact FDA at 1-800-FDA-1088 or [www.fda.gov/medwatch](http://www.fda.gov/medwatch).**

**See 17 for PATIENT COUNSELING INFORMATION and FDA-approved patient labeling.**

**Revised: 12/2021**

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## **FULL PRESCRIBING INFORMATION**

### **1 INDICATIONS AND USAGE**

#### **1.1 Indication**

Clobetasol propionate spray, 0.05% is a super-high potent topical corticosteroid formulation indicated for the treatment of moderate to severe plaque psoriasis affecting up to 20% body surface area (BSA) in patients 18 years of age or older.

Patients should be instructed to use clobetasol propionate spray, 0.05% for the minimum amount of time necessary to achieve the desired results [see *Dosage and Administration* (2)].

Use in patients under 18 years of age is not recommended because safety has not been established and because numerically high rates of HPA axis suppression were seen with

other clobetasol propionate topical formulations. [see *Use in Specific Populations (8.4)*].

## **1.2 Limitations of Use**

Clobetasol propionate spray, 0.05% should not be used on the face, axillae, or groin. Clobetasol propionate spray, 0.05% should not be used if there is atrophy at the treatment site. Clobetasol propionate spray, 0.05% should not be used in the treatment of rosacea or perioral dermatitis.

## **2 DOSAGE AND ADMINISTRATION**

Clobetasol propionate spray, 0.05% is for topical use only, and not for ophthalmic, oral or intravaginal use.

Clobetasol propionate spray, 0.05% should be sprayed directly onto the affected skin areas twice daily and rubbed in gently and completely.

The total dosage should not exceed 50 g (59 mL or 2 fluid ounces) per week because of the potential for the drug to suppress the hypothalamic-pituitary-adrenal (HPA) axis. Do not use more than 26 sprays per application or 52 sprays per day.

Clobetasol propionate spray, 0.05% contains a topical corticosteroid; therefore treatment should be limited to 4 weeks. Therapy should be discontinued when control has been achieved. Treatment beyond 2 weeks should be limited to localized lesions of moderate to severe plaque psoriasis that have not sufficiently improved after the initial 2 weeks of treatment with clobetasol propionate spray, 0.05%. If no improvement is seen within 2 weeks, reassessment of diagnosis may be necessary. Before prescribing for more than 2 weeks, any additional benefits of extending treatment to 4 weeks should be weighed against the risk of HPA axis suppression.

Unless directed by physician, clobetasol propionate spray, 0.05% should not be used with occlusive dressings.

## **3 DOSAGE FORMS AND STRENGTHS**

Spray, 0.05% w/w. Each gram of clobetasol propionate spray, 0.05% contains 0.5 mg of clobetasol propionate in a clear, colorless liquid.

## **4 CONTRAINDICATIONS**

None.

## **5 WARNINGS AND PRECAUTIONS**

### **5.1 Effects on the Endocrine System**

Clobetasol propionate is a highly potent topical corticosteroid that has been shown to suppress the HPA axis at the lowest doses tested.

Systemic absorption of topical corticosteroids can produce reversible hypothalamic-pituitary-adrenal (HPA) axis suppression with the potential for clinical glucocorticosteroid insufficiency. This may occur during treatment or upon withdrawal of the topical corticosteroid.

In studies evaluating the potential for hypothalamic-pituitary-adrenal (HPA) axis suppression, using the Cosyntropin Stimulation Test, clobetasol propionate spray,

0.05% demonstrated rates of suppression that were comparable after 2 and 4 weeks of twice-daily use (19% and 15 to 20%, respectively), in adult patients with moderate to severe plaque psoriasis ( $\geq 20\%$  BSA). In these studies, HPA axis suppression was defined as serum cortisol level  $\leq 18$  mcg/dL 30-min post cosyntropin stimulation [see *Clinical Pharmacology (12)*].

Because of the potential for systemic absorption, use of topical corticosteroids may require that patients be periodically evaluated for HPA axis suppression. Factors that predispose a patient using a topical corticosteroid to HPA axis suppression include the use of more potent steroids, use over large surface areas, use over prolonged periods, use under occlusion, use on an altered skin barrier, and use in patients with liver failure.

An ACTH stimulation test may be helpful in evaluating patients for HPA axis suppression. If HPA axis suppression is documented, an attempt should be made to gradually withdraw the drug, to reduce the frequency of application, or to substitute a less potent steroid. Manifestations of adrenal insufficiency may require supplemental systemic corticosteroids. Recovery of HPA axis function is generally prompt and complete upon discontinuation of topical corticosteroids.

Cushing's syndrome, hyperglycemia, and unmasking of latent diabetes mellitus can also result from systemic absorption of topical corticosteroids.

Use of more than one corticosteroid-containing product at the same time may increase the total systemic corticosteroid exposure.

Pediatric patients may be more susceptible to systemic toxicity from use of topical corticosteroids. [see *Use in Specific Populations (8.4)*]

## **5.2 Ophthalmic Adverse Reactions**

Use of topical corticosteroids, including clobetasol propionate spray may increase the risks of glaucoma and posterior subcapsular cataract. Glaucoma and cataracts have been reported in postmarketing experience with the use of topical corticosteroid products, including topical clobetasol products [see *Adverse Reactions (6.2)*].

Avoid contact of clobetasol propionate spray with eyes. Advise patients to report any visual symptoms and consider referral to an ophthalmologist for evaluation.

## **5.3 Local Adverse Reactions with Topical Corticosteroids**

The following additional local adverse reactions have been reported with topical corticosteroids. They may occur more frequently with the use of occlusive dressings and higher potency corticosteroids, including clobetasol propionate. These reactions are listed in an approximate decreasing order of occurrence: folliculitis, acneiform eruptions, hypopigmentation, perioral dermatitis, allergic contact dermatitis, secondary infection, striae and miliaria.

## **5.4 Allergic Contact Dermatitis**

Allergic contact dermatitis to any component of topical corticosteroids is usually diagnosed by a failure to heal rather than a clinical exacerbation. Clinical diagnosis of allergic contact dermatitis can be confirmed by patch testing.

## **5.5 Concomitant Skin Infections**

In the presence of dermatological infections, the use of an appropriate antifungal or antibacterial agent should be instituted. If a favorable response does not occur promptly, use of clobetasol propionate spray, 0.05% should be discontinued until the infection has been adequately controlled.

## 5.6 Flammable Contents

Clobetasol propionate spray, 0.05% is flammable; keep away from heat or flame.

## 6 ADVERSE REACTIONS

### 6.1 Clinical Trials Experience

Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in practice.

In controlled, clinical trials with clobetasol propionate spray, 0.05%, the most common adverse reaction was burning at the site of application [40% of subjects treated with clobetasol propionate spray, 0.05% and 47% of subjects treated with Spray Vehicle]. Other commonly reported adverse reactions for clobetasol propionate spray, 0.05% and Spray Vehicle, respectively, are noted in Table 1.

**Table 1 - Commonly Occurring Adverse Reactions (≥ 1% Incidence)**

<b>Adverse Reaction</b>	<b>Clobetasol Propionate 0.05% Spray (N=120)</b>	<b>Vehicle Spray (N=120)</b>
System Organ Class		
General disorders and administration site conditions	50 (42%)	56 (47%)
Application site burning	48 (40%)	56 (47%)
Application site dryness	2 (2%)	0 (0%)
Application site irritation	1 (1%)	0 (0%)
Application site pain	1 (1%)	2 (2%)
Application site pigmentation changes	1 (1%)	0 (0%)
Application site pruritus	4 (3%)	3 (3%)
Infections and infestations	17 (14%)	12 (10%)
Nasopharyngitis	6 (5%)	3 (3%)
Pharyngitis streptococcal	1 (1%)	0 (0%)
Upper respiratory tract infection	10 (8%)	2 (2%)
Skin and subcutaneous tissue disorders	4 (3%)	2 (2%)
Eczema asteatotic	2 (2%)	0 (0%)

Most local adverse reactions were rated as mild to moderate and they are not affected by age, race or gender.

Systemic absorption of topical corticosteroids has produced hypothalamic-pituitary-adrenal (HPA) axis suppression, manifestations of Cushing's syndrome, hyperglycemia, and glycosuria in some patients.

### 6.2 Postmarketing Experience

Because these reactions are reported voluntarily from a population of uncertain size, it is not always possible to reliably estimate their frequency or establish a causal relationship to drug exposure.

The following adverse reactions have been identified during post-approval use clobetasol propionate spray, 0.05%.

*Skin:* Burning, pruritus, erythema, pain, irritation, rash, peeling, urticaria, and contact dermatitis.

Ophthalmic adverse reactions of blurred vision, cataracts, glaucoma, increased intraocular pressure, and central serous chorioretinopathy have been reported with the use of topical corticosteroids.

## **8 USE IN SPECIFIC POPULATIONS**

### **8.1 Pregnancy**

#### Risk Summary

There are no available data on clobetasol propionate spray use in pregnant women to identify a drug-associated risk of major birth defects, miscarriage, or adverse maternal or fetal outcomes.

Observational studies suggest an increased risk of low birthweight in infants with the maternal use of potent or very potent topical corticosteroids (*see Data*). Advise pregnant women that clobetasol propionate spray may increase the risk of having a low birth weight infant and to use clobetasol propionate spray on the smallest area of skin and for the shortest duration possible.

Animal reproduction studies have not been conducted with clobetasol propionate spray. In an animal reproduction study, subcutaneous administration of clobetasol propionate to pregnant rats at doses greater than 12.5 mcg/kg/day during the period of organogenesis caused an increase in malformations (increased incidence of umbilical hernia) [*see Data*]. The available data do not allow calculation of relevant comparisons between the systemic exposure of clobetasol propionate in animal studies to the systemic exposure that would be expected in humans after topical use of clobetasol propionate spray.

The estimated background risk of major birth defects and miscarriage for the indicated population is unknown. All pregnancies have a background risk of birth defect, loss, or other adverse outcomes. In the U.S. general population, the estimated risk of major birth defects and miscarriage in clinically recognized pregnancies is 2 to 4% and 15 to 20%, respectively.

#### Data

##### *Human Data*

Available observational studies in pregnant women did not identify a drug-associated risk of major birth defects, preterm delivery, or fetal mortality with the use of topical corticosteroids of any potency. However, when the dispensed amount of potent or very potent topical corticosteroids exceeded 300 g during the entire pregnancy, maternal use was associated with an increased risk of low birth weight in infants.

##### *Animal Data*

Clobetasol propionate is absorbed percutaneously, and when administered subcutaneously it caused malformations in both the rabbit and the mouse.

Clobetasol propionate has greater potential for adverse developmental effects than steroids that are less potent.

The effect of clobetasol propionate on pregnancy outcome and development of offspring was studied in the rat. Clobetasol propionate was administered subcutaneously to female rats twice daily (0, 12.5, 25, and 50 mcg/kg/day) from day 7

of presumed gestation through day 25 of lactation or day 24 presumed gestation for those rats that did not deliver a litter. The maternal no observed-adverse-effect-level (NOAEL) for clobetasol propionate was less than 12.5 mcg/kg/day due to reduced body weight gain and feed consumption during the gestation period. The reproductive NOAEL in the dams was 25 mcg/kg/day based on prolonged delivery at 50 mcg/kg/day. The NOAEL for viability and growth in the offspring was 12.5 mcg/kg/day based on incidence of stillbirths, reductions in pup body weights on days 1 and 7 of lactation, increased pup mortality, increases in the incidence of umbilical hernia, and increases in the incidence of pups with cysts on the kidney at higher dose levels during the preweaning period. The weights of the epididymides and testes were significantly reduced at higher dosages. Despite these changes, there were no effects on the mating and fertility of the offspring.

## **8.2 Lactation**

### Risk Summary

There is no information regarding the presence of clobetasol propionate in human milk or its effects on the breastfed infant or on milk production. It is not known whether topical administration of clobetasol propionate could result in sufficient systemic absorption to produce detectable quantities in human milk. The developmental and health benefits of breastfeeding should be considered along with the mother's clinical need for clobetasol propionate spray and any potential adverse effects on the breastfed infant from clobetasol propionate spray or from the underlying maternal condition.

### Clinical Considerations

To minimize potential exposure to the breastfed infant via breast milk, use clobetasol propionate spray on the smallest area of skin and for the shortest duration possible while breastfeeding. Advise breastfeeding women not to apply clobetasol propionate spray directly to the nipple and areola to avoid direct infant exposure [*see Use in Specific Populations (8.4)*].

## **8.4 Pediatric Use**

Use in patients under 18 years of age is not recommended, because safety has not been established and because numerically high rates of HPA axis suppression were seen with other clobetasol propionate topical formulations. Safety and effectiveness in pediatric patients treated with clobetasol propionate spray, 0.05% have not been established [*see Warnings and Precautions (5.1)*].

Because of higher ratio of skin surface area to body mass, pediatric patients are at a greater risk than adults of HPA axis suppression and Cushing's syndrome when they are treated with topical corticosteroids. They are therefore also at greater risk of glucocorticosteroid insufficiency during and/or after withdrawal of treatment. Adverse effects including striae have been reported with inappropriate use of topical corticosteroids in infants and children.

HPA axis suppression, Cushing's syndrome, linear growth retardation, delayed weight gain, and intracranial hypertension have been reported in children receiving topical corticosteroids. Manifestations of adrenal suppression in children include low plasma cortisol levels and absence of response to ACTH stimulation. Manifestations of intracranial hypertension include bulging fontanelles, headaches, and bilateral papilledema.

## **8.5 Geriatric Use**

Clinical studies of clobetasol propionate spray, 0.05% did not include sufficient numbers of patients aged 65 and over to adequately determine whether they respond differently

than younger patients. In two randomized, vehicle controlled clinical trials, 21 of the 240 patients (9%) were over the age of 65. In general, dose selection for an elderly patient should be made with caution, usually starting at the low end of the dosing range, reflecting the greater frequency of decreased hepatic, renal or cardiac function, and of concomitant disease or other drug therapy.

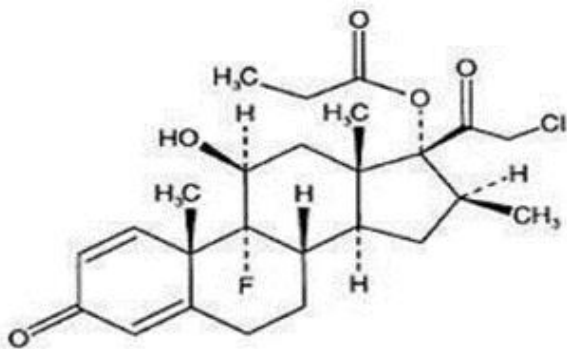
## 10 OVERDOSAGE

Topically applied clobetasol propionate spray, 0.05% can be absorbed in sufficient amount to produce systemic effects [see *Warnings and Precautions (5.1)*].

## 11 DESCRIPTION

Clobetasol propionate spray, 0.05% contains clobetasol propionate, a synthetic fluorinated corticosteroid, for topical use. The corticosteroids constitute a class of primarily synthetic steroids used topically as anti-inflammatory and antipruritic agents. Clobetasol propionate is 21-chloro-9-fluoro-11 $\beta$ , 17-dihydroxy-16 $\beta$ -methylpregna-1,4-diene-3,20-dione 17-propionate, with the empirical formula C<sub>25</sub>H<sub>32</sub>ClFO<sub>5</sub>, and a molecular weight of 466.97 (CAS Registry Number 25122-46-7).

The following is the chemical structure:



Clobetasol propionate

Clobetasol propionate is a white to almost white crystalline powder that is practically insoluble in water. Each gram of clobetasol propionate spray, 0.05% contains 0.5 mg of clobetasol propionate, in a clear, colorless liquid composed of alcohol, isopropyl myristate, sodium lauryl sulfate, and undecylenic acid.

## 12 CLINICAL PHARMACOLOGY

### 12.1 Mechanism of Action

Corticosteroids play a role in cellular signaling, immune function, inflammation, and protein regulation; however, the precise mechanism of action in corticosteroid responsive dermatoses is unknown.

### 12.2 Pharmacodynamics

#### Vasoconstrictor Assay



Clobetasol propionate spray, 0.05% is in the super-high range of potency as demonstrated in a vasoconstrictor study in healthy subjects when compared with other topical corticosteroids. However, similar blanching scores do not necessarily imply therapeutic equivalence.

### **Hypothalamic-Pituitary-Adrenal (HPA) Axis Suppression**

The effect of clobetasol propionate spray, 0.05% on hypothalamic-pituitary-adrenal (HPA) axis function was investigated in adults in two studies. In the first study, patients with plaque psoriasis covering at least 20% of their body applied clobetasol propionate spray, 0.05% twice daily for up to 4 weeks. 15% (2 out of 13) of patients displayed adrenal suppression after 4 weeks of use based on the Cosyntropin Stimulation Test. The laboratory suppression was transient; all subjects returned to normal after cessation of drug use. In the second study, patients with plaque psoriasis covering at least 20% of their body applied clobetasol propionate spray, 0.05% twice daily for either 2 or 4 weeks. 19% (4 out of 21) of patients treated for 2 weeks and 20% (3 out of 15) of patients treated for 4 weeks displayed adrenal suppression at the end of treatment based on the Cosyntropin Stimulation Test. The laboratory suppression was transient; all subjects returned to normal after cessation of drug use. In these studies, HPA axis suppression was defined as serum cortisol level  $\leq 18$  mcg/dL 30-min post cosyntropin (ACTH<sub>1 to 24</sub>) stimulation [see *Warnings and Precautions (5)*].

### **12.3 Pharmacokinetics**

The extent of percutaneous absorption of topical corticosteroids is determined by many factors, including the vehicle, the integrity of the epidermal barrier and occlusion.

Topical corticosteroids can be absorbed from normal intact skin. Inflammation and other disease processes in the skin may increase percutaneous absorption.

There are no human data regarding the distribution of corticosteroids to body organs following topical application. Nevertheless, once absorbed through the skin, topical corticosteroids are handled through metabolic pathways similar to systemically administered corticosteroids. They are metabolized, primarily in the liver, and are then excreted by the kidneys. In addition, some corticosteroids and their metabolites are also excreted in the bile.

## **13 NONCLINICAL TOXICOLOGY**

### **13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility**

Clobetasol propionate was not carcinogenic to rats when topically applied for 2 years at concentrations up to 0.005% which corresponded to doses up to 11 mcg/kg/day.

Clobetasol propionate was negative in the *in vitro* mammalian chromosomal aberration test and in the *in vivo* mammalian erythrocyte micronucleus test.

The effect of subcutaneously administered clobetasol propionate on fertility and general reproductive toxicity was studied in rats at doses of 0, 12.5, 25, and 50 mcg/kg/day. Males were treated beginning 70 days before mating and females beginning 15 days before mating through day 7 of gestation. A dosage level of less than 12.5 mcg/kg/day clobetasol propionate was considered to be the NOAEL for paternal and maternal general toxicity based on decreased weight gain and for male reproductive toxicity based on increased weights of fluid-filled seminal vesicles. The female reproductive NOAEL was 12.5 mcg/kg/day based on reduction in the numbers of estrous cycles during the pre-cohabitation period and an increase in the number of nonviable embryos at higher doses.

## 14 CLINICAL STUDIES

The efficacy of clobetasol propionate spray, 0.05% in psoriasis has been demonstrated in two randomized, vehicle controlled clinical trials, which were identical in design. The studies were conducted in patients aged 18 years and older with moderate to severe plaque psoriasis. Patients were treated twice daily for up to 4 weeks with either clobetasol propionate spray, 0.05% or vehicle spray.

Patients were evaluated on their Overall Disease Severity, a 5-point scale based on scaling, erythema, and plaque elevation that classified subjects as clear, almost clear, mild, moderate, or severe/very severe. Only patients classified as moderate or severe/very severe at baseline were enrolled in the studies. The median percent body surface area (BSA) at baseline was 6% for the two studies. The numbers of patients scored as clear or almost clear at Weeks 2 and 4 are presented in Table 2.

**Table 2-Number of Patients Clear or Almost Clear on the Overall Disease Severity Scale at Weeks 2 & 4**

		Study 1		Study 2	
		Clobetasol propionate spray N=60	Vehicle N=60	Clobetasol propionate spray N=60	Vehicle N=60
Week 2	Clear	1 (2%)	0 (0%)	0 (0%)	0 (0%)
	Almost Clear	32 (53%)	1 (2%)	28 (47%)	0 (0%)
Week 4	Clear	15 (25%)	0 (0%)	18 (30%)	0 (0%)
	Almost Clear	32 (53%)	2 (3%)	31 (52%)	1 (2%)

## 16 HOW SUPPLIED/STORAGE AND HANDLING

Clobetasol propionate spray, 0.05% is a clear, colorless liquid, supplied in a white HDPE bottle with a white polypropylene cap and white LDPE liner in the following sizes:

2 fl oz/59 mL **NDC** 71589-003-59

4.25 fl oz/125 mL **NDC** 71589-003-12

**Storage:** Keep tightly closed. Store under controlled room temperature conditions 20°C to 25°C (68°F to 77°F) with excursions permitted between 15°C and 30°C (59°F and 86°F). Do not freeze, refrigerate or store above 30°C. Spray is flammable; avoid heat, flame or smoking when using this product.

## 17 PATIENT COUNSELING INFORMATION

*[See FDA-approved patient labeling (Patient Information)]*

### 17.1 Information for Patients

Patients using topical corticosteroids should receive the following information and instructions:

- This medication is to be used as directed by the physician and should not be used longer than the prescribed time period.
- This medication should not be used for any disorder other than that for which it was prescribed.
- Do not use other corticosteroid-containing products while using clobetasol

propionate spray, 0.05% unless directed by your physician.

- The treated skin area should not be bandaged, otherwise covered, or wrapped so as to be occlusive unless directed by the physician.
- Patients should wash their hands after applying the medication.
- Advise patients to report any visual symptoms to their healthcare providers.
- Patients should report any signs of local or systemic adverse reactions to the physician.
- Patients should inform their physicians that they are using clobetasol propionate spray, 0.05% if surgery is contemplated.
- If you go to another doctor for illness, injury or surgery, tell that doctor you are using clobetasol propionate spray, 0.05%.
- This medication is for external use only. It should not be used on the face, underarms, or groin area. Also avoid contact with the eyes and lips.
- As with other corticosteroids, therapy should be discontinued when control is achieved. If no improvement is seen within 2 weeks, contact the physician.
- Advise a woman to use clobetasol propionate spray on the smallest area of skin and for the shortest duration possible while pregnant or breastfeeding. Advise breastfeeding women not to apply clobetasol propionate spray directly to the nipple and areola to avoid direct infant exposure.
- Patients should not use more than 50 g (59 mL or 2 fl.oz.) per week of clobetasol propionate spray, 0.05%.
- Do not use more than 26 sprays per application or 52 sprays per day.
- This medication is flammable; avoid heat, flame or smoking when applying this product.

### **17.2 Instructions to the Pharmacist:**

1. Remove the spray pump from the wrapper
2. Remove and discard the cap from the bottle
3. Keeping the bottle vertical, insert the spray pump into the bottle and turn clockwise until well-fastened
4. Dispense the bottle with the spray pump inserted

### **Patient Information**

#### **Clobetasol propionate (kloe bay' ta sol proe' pee oh nate) spray**

**Important: For use on skin only. Do not get Clobetasol propionate spray near or in your eyes, mouth or vagina.**

Read the Patient Information that comes with clobetasol propionate spray before you start using it and each time you get a refill. There may be new information. This information does not take the place of talking with your doctor about your medical condition or your treatment.

#### **What is clobetasol propionate spray?**

Clobetasol propionate spray is a prescription corticosteroid medicine used to treat adults with moderate to severe plaque psoriasis that affects up to 20% of the body's skin surface. Clobetasol propionate spray is for use on the skin only (topical).

- Clobetasol propionate spray should only be used for the shortest amount of time needed to treat your plaque psoriasis.
- Do not use more than 26 sprays for each application or more than 52 sprays in 1 day.

- You should not apply more than 59 mL (2 fluid ounces) of clobetasol propionate spray to your skin in 1 week.

**You should not use clobetasol propionate spray:**

- on your face, under arms (armpits), or groin areas
- if you have thinning of the skin (atrophy) at the treatment site
- to treat rosacea or a rash around the mouth (perioral dermatitis)

It is not known if clobetasol propionate spray is safe and effective in children under 18 years of age. Clobetasol propionate spray should not be used in children under 18 years of age.

**What should I tell my doctor before using clobetasol propionate spray?****Before you use clobetasol propionate spray, tell your doctor if you:**

- have a skin infection. You may need medicine to treat the skin infection before you use clobetasol propionate spray.
- plan to have surgery.
- have any other medical conditions.
- are pregnant or plan to become pregnant. It is not known if clobetasol propionate spray will harm your unborn baby.
- are breast-feeding or plan to breast-feed. It is not known if clobetasol propionate spray passes into your breast milk. Talk to your doctor about the best way to feed your baby if you use clobetasol propionate spray.

**Tell your doctor about all the medicines you take**, including prescription and non-prescription medicines, vitamins, and herbal supplements. Especially tell your doctor if you take other corticosteroid medicines by mouth or use other products on your skin that contain corticosteroids. Ask your doctor or pharmacist if you are not sure.

Know the medicines you take. Keep a list of them to show your doctor and pharmacist when you get a new medicine.

**How should I use clobetasol propionate spray?**

- Use clobetasol propionate spray exactly as your doctor tells you to use it.
- Your doctor should tell you how much clobetasol propionate spray to use and where to apply it.
- Clobetasol propionate spray is for use on skin only. Do not get clobetasol propionate spray near or in your eyes, mouth, or vagina.
- You should not use clobetasol propionate spray on your face, underarms (armpits), or groin areas.
- Apply clobetasol propionate spray 2 times each day.
- Apply only enough clobetasol propionate spray to cover the affected skin areas. Rub in gently and completely.
- Wash your hands after using clobetasol propionate spray.
- Throw away any unused clobetasol propionate spray.
- Do not bandage or cover your treated areas unless your doctor tells you to.
- Tell your doctor if your skin condition is not getting better after 2 weeks of using clobetasol propionate spray. Your doctor may tell you to apply clobetasol propionate spray to certain areas of your skin for up to 2 more weeks if needed. You should not use clobetasol propionate spray for more than 4 weeks unless your doctor tells you to. This can increase your risk of serious side effects.

See the "Instructions for Use" at the end of the Patient Information for detailed information on the right way to apply clobetasol propionate spray.

### **What should I avoid while using clobetasol propionate spray?**

- **Clobetasol propionate spray is flammable.** Avoid heat, flames or smoking while applying clobetasol propionate spray to your skin.

### **What are the possible side effects of clobetasol propionate spray?**

- **Clobetasol propionate spray can pass through your skin.** Too much clobetasol propionate spray passing through your skin can cause your adrenal glands to stop working. Your doctor may do blood tests to check how well your adrenal glands are working.

### **The most common side effects with clobetasol propionate spray include:**

- burning at treated site
- upper respiratory tract infection
- runny nose
- sore throat
- dry, itchy and reddened skin

If you go to another doctor for illness, injury or surgery, tell that doctor you are using clobetasol propionate spray.

Tell your doctor if you have any side effect that bothers you or that does not go away.

These are not all the possible side effects of clobetasol propionate spray. For more information, ask your doctor or pharmacist.

Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

### **How should I store clobetasol propionate spray?**

- Store clobetasol propionate spray at room temperature between 68°F to 77°F (20°C to 25°C).
- Do not store clobetasol propionate spray above 86°F (30°C).
- Do not freeze or refrigerate clobetasol propionate spray.
- Keep the bottle of clobetasol propionate spray tightly closed.
- Keep away from heat or flame.

### **Keep clobetasol propionate spray and all medicines out of the reach of children.**

### **General information about clobetasol propionate spray.**

Medicines are sometimes prescribed for purposes other than those listed in a Patient Information leaflet. Do not use clobetasol propionate spray for a condition for which it was not prescribed. Do not give clobetasol propionate spray to other people, even if they have the same symptoms that you have. It may harm them.

This Patient Information leaflet summarizes the most important information about clobetasol propionate spray. If you would like more information, talk with your doctor. You can ask your pharmacist or doctor for information about clobetasol propionate spray that is written for health professionals.

### **What are the ingredients of clobetasol propionate spray?**

**Active** ingredient: clobetasol propionate.

**Inactive** ingredients: alcohol, isopropyl myristate, sodium lauryl sulfate, and undecylenic acid.

### **Instructions for Use**

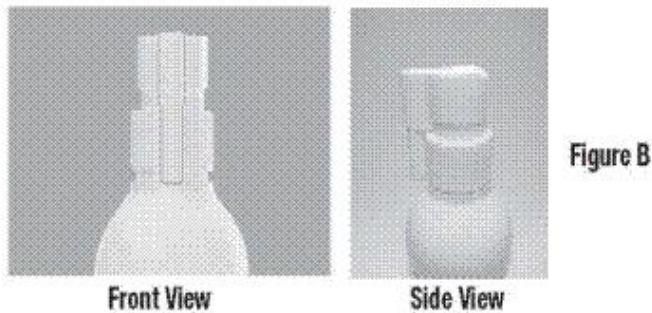
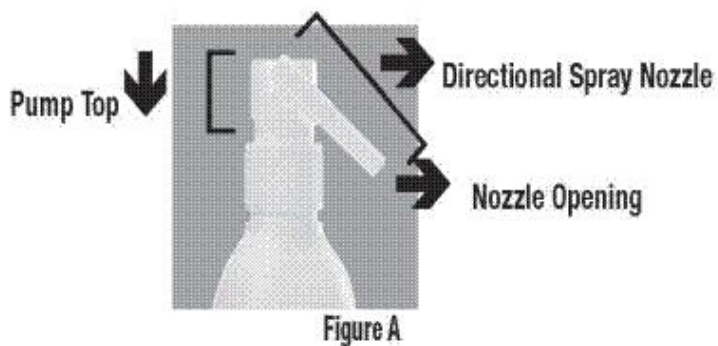
## Clobetasol propionate (kloe bay' ta sol proe' pee oh nate) spray

**Important: For use on skin only. Do not get Clobetasol propionate spray near or in your eyes, mouth or vagina.**

Read the Instructions for Use that comes with clobetasol propionate spray before you start using it and each time you get a refill. There may be new information. This information does not take the place of talking with your doctor about your medical condition or your treatment.

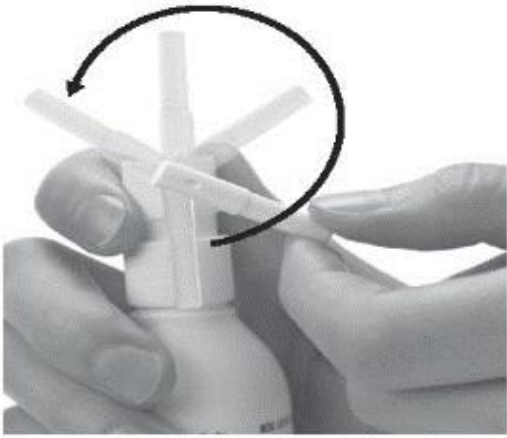
### Parts of clobetasol propionate spray (See **Figure A**)

When you receive clobetasol propionate spray the Directional Spray Nozzle is in the "locked" position with the nozzle pointing downwards. (See **Figure B**)



### How to apply clobetasol propionate spray:

**Step 1:** To unlock the Directional Spray Nozzle, hold the clobetasol propionate spray bottle and sides of the Pump Top with one hand. Use your other hand to turn the Directional Spray Nozzle to either the right or the left. (See **Figure C**) The spray will come out through the opening at the end of the Directional Spray Nozzle.



**Figure C**

**Step 2:** To apply clobetasol propionate spray, point the Directional Spray Nozzle to the affected area. To spray, push down on the Pump Top. Apply clobetasol propionate spray to the affected area as instructed by your doctor. (See **Figure D**)



**Figure D**

**Step 3:** Spray only enough clobetasol propionate spray to cover the affected area, for example, the elbow. (See **Figure E**) Rub in clobetasol propionate spray gently and completely.

- You should not apply clobetasol propionate spray to your face, underarms or groin. Avoid contact with your eyes.
- To apply to your scalp, part your hair at the area where clobetasol propionate spray is to be applied. Spray directly on the affected area, and then rub in gently and completely. (See **Figure F**)
- Repeat Steps 2 and 3 to apply clobetasol propionate spray to other affected areas as instructed by your doctor

**Elbow**



**Figure E**

**Scalp**



**Figure F**

**Step 4:** After applying clobetasol propionate spray, return the Directional Spray Nozzle to the "locked" position (See **Figure G**)



**Figure G**

**Step 5:** Wash your hands after applying clobetasol propionate spray.

This Patient Information and Instructions for Use have been approved by the U.S. Food



and Drug Administration.

Manufactured for:

**Aleor Dermaceuticals Ltd.,**

Karakhadi, Vadodara 391450, India.

Manufactured by:

**Aleor Dermaceuticals Ltd.,**

Karakhadi, Vadodara 391450, India.

Mfg. License No.: G/25/2216

Revised: 12/2021

**PACKAGE LABEL.PRINCIPAL DISPLAY PANEL**

**Rx Only**

**NDC 71589-003-59**

**Clobetasol Propionate Spray, 0.05%**

**For topical use only**

**2 FL OZ**

**(59 mL)**

**Aleor Dermaceuticals Ltd.,**

**WARNING: FLAMMABLE AVOID FIRE, FLAME OR SMOKING DURING AND IMMEDIATELY FOLLOWING APPLICATION**

Not for eye use.

**Usual dosage:** Apply twice daily, once in the morning and once at night.

Use only enough to cover the affected areas. Do not exceed 26 sprays per application or 52 sprays per day. Do not apply to face, underarms, or groin and avoid contact with eyes and lips. See package insert for complete prescribing information. See lot number and expiration date on the bottom of the carton.

**TO THE PHARMACIST**

- **Ensure the patient receives the Patient Information.**
- **Replace cap with spray pump prior to dispensing .**

**Each gram contains: Active:** clobetasol propionate (0.5 mg).

**Inactive:** alcohol, isopropyl myristate, sodium lauryl sulfate, and undecylenic acid.

Store at controlled room temperature 68° to 77°F (20° to 25°C); excursions permitted between 59° to 86°F (15° to 30°C).

Protect from freezing.

Do not refrigerate or store above 86°F (30°C).

Keep out of reach of children.

Manufactured for:

**Aleor Dermaceuticals Ltd.,**

Karakhadi, Vadodara 391450 India.

**Usual dosage:** Apply twice daily, once in the morning and once at night. Use only enough to cover the affected areas. Do not exceed 26 sprays per application or 52 sprays per day. Do not apply to the face, underarms, or groin and avoid contact with eyes and lips. See package insert for complete prescribing information.

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**WARNING: FLAMMABLE. AVOID FIRE, FLAME OR SMOKING DURING AND IMMEDIATELY FOLLOWING APPLICATION**

NDC 71589-003-59

# Clobetasol Propionate Spray,

**0.05%**

**For topical use only.  
Not for eye use.**

Rx only

2 FL OZ  
(59 mL)



Manufactured for:  
**Aleor Dermaceuticals Ltd.,**  
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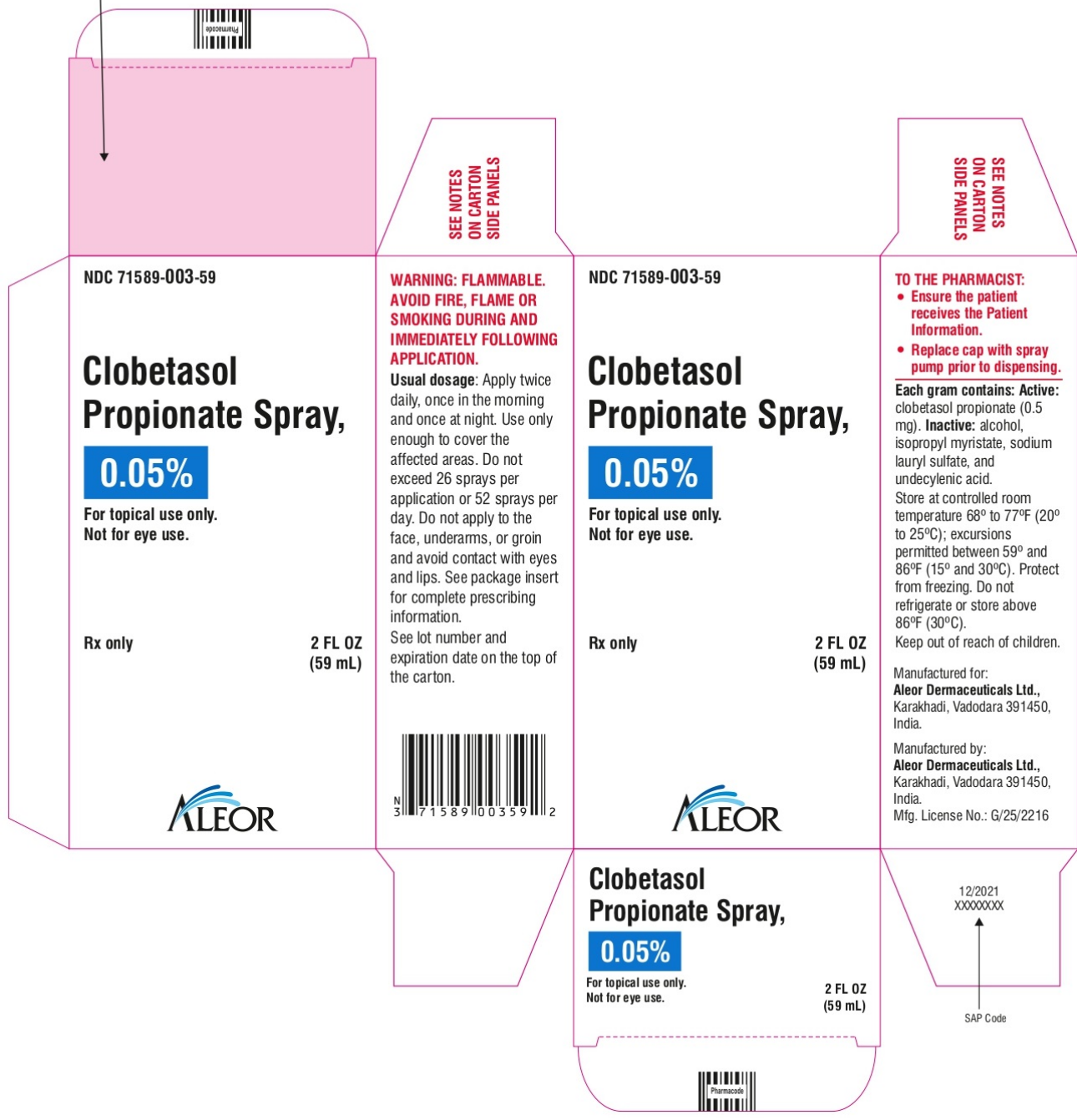
12/2021

Sap Code

**LOT AND EXPIRY DATE**  
LOT: 1234567890 EXP: MMM YYYY

Batch Coding and Barcode  
(For Reference Only)

LOT: 1234567890  
 EXP: MMM YYYY  
 GTIN: A890382100000X  
 S.NO.: ABCD12345

<b>CLOBETASOL PROPIONATE</b>			
clobetasol propionate spray			
<b>Product Information</b>			
<b>Product Type</b>	HUMAN PRESCRIPTION DRUG	<b>Item Code (Source)</b>	NDC:71589-003
<b>Route of Administration</b>	TOPICAL		

**Active Ingredient/Active Moiety**

Ingredient Name	Basis of Strength	Strength
<b>CLOBETASOL PROPIONATE</b> (UNII: 779619577M) (CLOBETASOL - UNII:ADN79D536H)	CLOBETASOL PROPIONATE	0.05 g in 1 mL

**Inactive Ingredients**

Ingredient Name	Strength
<b>ALCOHOL</b> (UNII: 3K9958V90M)	
<b>ISOPROPYL MYRISTATE</b> (UNII: 0RE8K4LNJS)	
<b>SODIUM LAURYL SULFATE</b> (UNII: 368GB5141J)	
<b>UNDECYLENIC ACID</b> (UNII: K3D86KJ24N)	

**Packaging**

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:71589-003-59	1 in 1 CARTON	10/31/2019	
1		59 mL in 1 BOTTLE; Type 0: Not a Combination Product		
2	NDC:71589-003-12	1 in 1 CARTON	10/31/2019	
2		125 mL in 1 BOTTLE; Type 0: Not a Combination Product		

**Marketing Information**

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
ANDA	ANDA211191	10/31/2019	

**Labeler** - Aleor Dermaceuticals Limited (871411532)**Registrant** - Aleor Dermaceuticals Limited (871411532)**Establishment**

Name	Address	ID/FEI	Business Operations
Contract Pharmaceuticals Limited Canada		248761249	MANUFACTURE(71589-003)

**Establishment**

Name	Address	ID/FEI	Business Operations
Aleor Dermaceuticals Limited		871411532	MANUFACTURE(71589-003) , ANALYSIS(71589-003)

Revised: 12/2021

Aleor Dermaceuticals Limited