
 e-Banner	Project: CO-0054703	Document: PPC-0020663	Version: 2
	Site Code: 62000000084645	Operator: SR626903	Date/Time Created: 23.Nov.2022 05:53 GMT

Artwork copyright is the property of the GSK Group of Companies. All suppliers providing a service to GSK for printed components of any description must ensure that they have a licence for all fonts / software used in conjunction with GSK artwork. The distribution and use of fonts / software without a licence constitutes an intellectual property infringement. GSK will not accept any liability for the breach of third party intellectual property rights by printed component suppliers. The GSK certification / audit process requires suppliers to declare that they do not use unlicensed fonts / software and may require the supplier to produce evidence of such licence to GSK.

Version: 1



Harmony AMS

Artwork Information Panel

Manufacturing Site Number:

62000000084645

Manufacturing Site(s):

GSK\_ARANDA\_SPAIN

Product Market Trade Name:

Flixotide;Flixotide evohaler

Approving Market(s):

Singapore-SGP

Print Process:

N/A

Colour Standard Reference:

N/A

Technical Drawing

(Do NOT include version number):

02-01-XX-273-11

Material Spec.

(Do NOT include version number):

N/A

Material Type:

N/A

N/A

Total Colours & Varnishes: 1

BLACK

Total Special Finishes: 0

Body Text Size:

8.0pt

Smallest Text Size:

8.0pt

Leading:

8.0pt

Horizontal Scale:

100%

Microtext:

N

Additional Info (1):

N/A

Additional Info (2):

N/A

Additional Info (3):

N/A

200 mm Measuring Bar

If an e-banner DOES NOT appear on the top of this document, THEN this document has NOT been printed from the Harmony system.

AIP\_Production\_V\_INDD - 06\_2022 - Harmony - Version 3

IMPORTANT

GSK LOC is responsible to approve the change documentation, artwork brief and final artwork, ensuring that it is accurate, consistent and complete.

GSK SDC is responsible for site technical requirements and pre-press suitability.

GSK Market is responsible to advise SDC when changes required impact the following:

Formulation

Tablet embossing

Storage conditions

Shelf Life

NOTE TO MARKET

Local approvers must ensure that trade mark and copyright statements included in the brief comply with guidance provided by Legal: Global Trade Marks.

Following introduction of inhaled *FLIXOTIDE*, withdrawal of systemic therapy should be gradual and patients encouraged to carry a steroid warning card indicating the possible need for additional therapy in times of stress.

The possibility of impaired adrenal response should always be considered in emergency situations (including surgery), and also in elective situations likely to produce stress, especially in patients taking high doses for an extended duration of time. Additional corticosteroid treatment appropriate to a given clinical situation must be considered (see *Overdose*).

Similarly, replacement of systemic steroid treatment with inhaled therapy may unmask allergies such as allergic rhinitis or eczema previously controlled by the systemic drug.

Treatment with *FLIXOTIDE* should not be stopped abruptly.

There have been very rare reports of increases in blood glucose levels (see *Adverse Reactions*) and this should be considered when prescribing to patients with a history of diabetes mellitus.

As with all inhaled corticosteroids, special care is necessary in patients with active or quiescent pulmonary tuberculosis.

During post-marketing use, there have been reports of clinically significant drug interactions in patients receiving fluticasone propionate and ritonavir, resulting in systemic corticosteroid effects including Cushing's syndrome and adrenal suppression. Therefore, concomitant use of fluticasone propionate and ritonavir should be avoided, unless the potential benefit to the patient outweighs the risk of systemic corticosteroid side-effects (see *Interactions*).

As with other inhalation therapy, paradoxical bronchospasm may occur with an immediate increase in wheezing after dosing. This should be treated immediately with a fast-acting inhaled bronchodilator. *FLIXOTIDE* Evohaler should be discontinued immediately, the patient assessed, and alternative therapy instituted if necessary (see *Adverse Reactions*).

Patients' inhaler technique should be checked to make sure that inhaler actuation is synchronised with inspiration to ensure optimum delivery of the drug to the lungs.

Interactions

Under normal circumstances, low plasma concentrations of fluticasone propionate are achieved after inhaled dosing, due to extensive first pass metabolism and high systemic clearance mediated by cytochrome P450 3A4 in the gut and liver. Hence, clinically significant drug interactions mediated by fluticasone propionate are unlikely.

A drug interaction study in healthy subjects has shown that ritonavir (a highly potent cytochrome P450 3A4 inhibitor) can greatly increase fluticasone propionate plasma concentrations, resulting in markedly reduced serum cortisol concentrations. During post-marketing use, there have been reports of clinically significant drug interactions in patients receiving intranasal or inhaled fluticasone propionate and ritonavir, resulting in systemic corticosteroid effects including Cushing's syndrome and adrenal suppression. Therefore, concomitant use of fluticasone propionate and ritonavir should be avoided, unless the potential benefit to the patient outweighs the risk of systemic corticosteroid side-effects.

Caution should be exercised when other potent cytochrome P450 3A4 inhibitors are co-administered with fluticasone propionate. In a drug interaction study, co-administration of orally inhaled fluticasone propionate (1,000 mcg) and ketoconazole (200 mg once daily) resulted in increased plasma fluticasone propionate exposure and reduced plasma cortisol AUC, but had no effect on urinary excretion of cortisol. In another multiple-dose drug interaction study, co-administration of orally inhaled fluticasone propionate (500 mcg twice daily) and erythromycin (333 mg 3 times daily) did not affect fluticasone propionate pharmacokinetics.

Pregnancy and Lactation

Fertility

There are no data on human fertility. Animal studies indicate no effects of fluticasone propionate on male or female fertility (see *Pharmacodynamic Properties*).

Pregnancy

There are limited data in pregnant women. Administration of *FLIXOTIDE* during pregnancy should only be considered if the expected benefit to the mother is greater than any possible risk to the foetus.

Results from a retrospective epidemiological study did not find an increased risk of major congenital malformations (MCMs) following exposure to fluticasone propionate when compared to other inhaled corticosteroids, during the first trimester of pregnancy (see *Clinical Studies*).

Reproductive studies in animals have shown only those effects characteristic of glucocorticosteroids at systemic exposures in excess of those seen at the recommended inhaled therapeutic dose.

Lactation

The excretion of fluticasone propionate into human breast milk has not been investigated. When measurable plasma levels were obtained in lactating laboratory rats following subcutaneous administration there was evidence of fluticasone propionate in the breast milk. However, plasma levels in patients following inhaled application of fluticasone propionate at recommended doses are likely to be low.

Administration during lactation should only be considered if the expected benefit to the mother is greater than any possible risk to the child.

Effects on Ability to Drive and Use Machines

*FLIXOTIDE* is unlikely to produce an effect.

Adverse Reactions

Adverse events are listed below by system organ class and frequency. Frequencies are defined as: 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) and very rare (<1/10,000) including isolated reports. Very common, common and uncommon events were generally determined from clinical trial data. Rare and very rare events were generally determined from spontaneous data.

Infections and infestations

Very common: Candidiasis of mouth and throat

Candidiasis of the mouth and throat (thrush) occurs in some patients. Such patients may find it helpful to rinse out their mouth with water after using their medication. Symptomatic candidiasis can be treated with topical anti-fungal therapy whilst still continuing with *FLIXOTIDE*.

Rare: Oesophageal candidiasis

Immune system disorders

Hypersensitivity reactions with the following manifestations have been reported:

Uncommon: Cutaneous hypersensitivity reactions

Very rare: Angioedema (mainly facial and oropharyngeal oedema), respiratory symptoms (dyspnoea and/or bronchospasm) and anaphylactic reactions

Endocrine disorders

Possible systemic effects include (see *Warnings and Precautions*):

Very rare: Cushing's syndrome, Cushingoid features, adrenal suppression, growth retardation, decreased bone mineral density, cataract, glaucoma

Metabolism and nutrition disorders

Very rare: Hyperglycaemia

Psychiatric disorders

Very rare: Anxiety, sleep disorders and behavioural changes, including hyperactivity and irritability (predominantly in children)

Respiratory, thoracic and mediastinal disorders

Common: Hoarseness

In some patients inhaled *FLIXOTIDE* may cause hoarseness. It may be helpful to rinse out the mouth with water immediately after inhalation.

Very rare: Paradoxical bronchospasm (see *Warnings and Precautions*)


Skin and subcutaneous tissue disorders

Common: Contusions


Overdose

Acute inhalation of *FLIXOTIDE* doses in excess of those approved may lead to temporary suppression of the hypothalamic-pituitary-adrenal axis. This does not usually require emergency action, as normal adrenal function typically recovers within a few days.

62000000084645

 e-Banner	Project: CO-0054703	Document: PPC-0020663	Version: 2
	Site Code: 62000000084645	Operator: SR626903	Date/Time Created: 23.Nov.2022 05:53 GMT

Artwork copyright is the property of the GSK Group of Companies. All suppliers providing a service to GSK for printed components of any description must ensure that they have a licence for all fonts / software used in conjunction with GSK artwork. The distribution and use of fonts / software without a licence constitutes an intellectual property infringement. GSK will not accept any liability for the breach of third party intellectual property rights by printed component suppliers. The GSK certification / audit process requires suppliers to declare that they do not use unlicensed fonts / software and may require the supplier to produce evidence of such licence to GSK.

Version: 1			
Harmony AMS Artwork Information Panel			
Manufacturing Site Number: 62000000084645			
Manufacturing Site(s): GSK_ARANDA_SPAIN			
Product Market Trade Name: Flixotide;Flixotide evohaler			
Approving Market(s): Singapore-SGP			
Print Process: N/A			
Colour Standard Reference: N/A			
Technical Drawing (Do NOT include version number): 02-01-XX-273-11			
Material Spec. (Do NOT include version number): N/A			
Material Type: N/A		N/A	
Total Colours & Varnishes: 1			
BLACK			
Total Special Finishes: 0			
Body Text Size: 8.0pt			
Smallest Text Size: 8.0pt			
Leading: 8.0pt			
Horizontal Scale: 100%			
Microtext: N			
Additional Info (1): N/A			
Additional Info (2): N/A			
Additional Info (3): N/A			

AIP\_Production\_V\_INDD - 06\_2022 - Harmony - Version 3

IMPORTANT

GSK LOC is responsible to approve the change documentation, artwork brief and final artwork, ensuring that it is accurate, consistent and complete.

GSK SDC is responsible for site technical requirements and pre-press suitability.

GSK Market is responsible to advise SDC when changes required impact the following:

Formulation

Tablet embossing

Storage conditions

Shelf Life

NOTE TO MARKET

Local approvers must ensure that trade mark and copyright statements included in the brief comply with guidance provided by Legal: Global Trade Marks.

200 mm Measuring Bar

If an e-banner DOES NOT appear on the top of this document, THEN this document has NOT been printed from the Harmony system.

If higher than approved doses are continued over prolonged periods, significant adrenocortical suppression is possible. There have been very rare reports of acute adrenal crisis occurring in children exposed to higher than approved doses (typically 1000 micrograms daily and above), over prolonged periods (several months or years); observed features included hypoglycaemia and sequelae of decreased consciousness and/or convulsions. Situations which could potentially trigger acute adrenal crisis include exposure to trauma, surgery, infection or any rapid reduction in dosage.

Patients receiving higher than approved doses should be managed closely and the dose reduced gradually.

PHARMACOLOGICAL PROPERTIES

Pharmacodynamics

Pharmacodynamic Properties

*FLIXOTIDE* given by inhalation at recommended doses has a potent glucocorticoid anti-inflammatory action within the lungs, resulting in reduced symptoms and exacerbations of asthma.

Pharmacokinetics

Absorption

The absolute bioavailability of fluticasone propionate for each of the available inhaler devices has been estimated from within and between study comparisons of inhaled and intravenous pharmacokinetic data. In healthy adult subjects the absolute bioavailability has been estimated for fluticasone propionate Accuhaler/Diskus (7.8%), fluticasone propionate Diskhaler (9.0%) and fluticasone propionate Evohaler (10.9%) respectively. In patients with asthma or COPD, a lesser degree of systemic exposure to inhaled fluticasone propionate has been observed. Systemic absorption occurs mainly through the lungs and is initially rapid then prolonged. The remainder of the inhaled dose may be swallowed but contributes minimally to systemic exposure due to the low aqueous solubility and pre-systemic metabolism, resulting in oral availability of less than 1%. There is a linear increase in systemic exposure with increasing inhaled dose.

Distribution

Fluticasone propionate has a large volume of distribution at steady-state (approximately 300 l). Plasma protein binding is moderately high (91%).

Metabolism

Fluticasone propionate is cleared very rapidly from the systemic circulation, principally by metabolism to an inactive carboxylic acid metabolite, by the cytochrome P450 enzyme CYP3A4. Care should be taken when co-administering known CYP3A4 inhibitors, as there is potential for increased systemic exposure to fluticasone propionate.

Elimination

The disposition of fluticasone propionate is characterised by high plasma clearance (1150 ml/min) and a terminal half-life of approximately 8 h. The renal clearance of fluticasone propionate is negligible (less than 0.2%) and less than 5% as the metabolite.

Clinical Studies

Fluticasone propionate containing medications in asthma during pregnancy

An observational retrospective epidemiological cohort study utilising electronic health records from the United Kingdom was conducted to evaluate the risk of MCMs following first trimester exposure to inhaled fluticasone propionate (FP) alone and salmeterol-FP combination relative to non-FP containing ICS. No placebo comparator was included in this study. Within the asthma cohort of 5362 first trimester ICS-exposed pregnancies, 131 diagnosed MCMs were identified; 1612 (30%) were exposed to FP or salmeterol-FP of which 42 diagnosed MCMs were identified. The adjusted odds ratio for MCMs diagnosed by 1 year was 1.1 (95% CI: 0.5-2.3) for FP exposed vs non-FP ICS exposed women with moderate asthma and 1.2 (95% CI: 0.7-2.0) for women with considerable to severe asthma. The adjusted odds ratio for MCMs diagnosed by 1 year was 0.9 (95% CI: 0.3-2.9) for FP alone and 1.3 for salmeterol-FP (95% CI: 0.5-3.2) for women with moderate asthma. The adjusted odds ratio for MCMs diagnosed by 1 year was 1.3 (95% CI: 0.6-3.0) for FP alone and 1.1 for salmeterol-FP (95% CI: 0.6-2.0) for women with severe asthma. Absolute risks of MCM across the asthma severity strata ranged from 2.0 to 2.9 per 100 FP-exposed pregnancies which is comparable to results from a study of 15,840 pregnancies unexposed to asthma therapies in the General Practice Research Database (2.8 MCM events per 100 pregnancies).

Non-Clinical Information

Toxicology has shown only those class effects typical of potent corticosteroids, and these only at doses greatly in excess of that proposed for therapeutic use. No novel effects were identified in repeat dose toxicity tests, reproductive studies or teratology studies.

Fluticasone propionate is devoid of mutagenic activity *in vitro* and *in vivo* and showed no tumorigenic potential in rodents. It is both non-irritant and non-sensitising in animal models.

The non-CFC propellant, HFA 134a, has been shown to have no toxic effect at very high vapour concentrations, far in excess of those likely to be experienced by patients, in a wide range of animal species exposed daily for periods of two years.

Reproductive Toxicology

Fluticasone propionate, administered subcutaneously at doses of up to 50 mcg/kg/day (up to 100 mcg/kg/day in males, prior to Day 36), did not affect the fertility or mating performance of the F0 and F1 generation rats, when given throughout the periods of gametogenesis, mating, gestation, parturition and lactation.

PHARMACEUTICAL INFORMATION

List of Excipients

Hydroxyfluoroalkane 134a, 1, 1, 1, 2-tetrafluoroethane (HFA 134a).

Shelf Life

The expiry date is indicated on the packaging.

Storage

The storage conditions are detailed on the packaging.

Replace the mouthpiece cover firmly and snap it into position.

Protect from frost and direct sunlight.

As with most inhaled medications in pressurised canisters, the therapeutic effect of this medication may decrease when the canister is cold.

Pressurised container. Do not expose to temperatures higher than 50°C. The canister should not be punctured, broken or burnt even when apparently empty.

Nature and Contents of Container

*FLIXOTIDE* Evohaler comprises a suspension of fluticasone propionate in the non-CFC propellant HFA 134a. The suspension is contained in an aluminium alloy can sealed with a metering valve. The canisters are fitted into plastic actuators incorporating an atomising orifice and fitted with dustcaps.

Incompatibilities

None reported.

Use and Handling

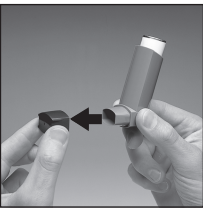
Instructions for use of your *FLIXOTIDE* Evohaler

Testing your inhaler:

Before using for the first time or if your inhaler has not been used for a week or more remove the mouthpiece cover by gently squeezing the sides of the cover, shake the inhaler well, and release two puffs into the air to make sure that it works.

Using your inhaler:


- Remove the mouthpiece cover by gently squeezing the sides of the cover.
- Check the inside and outside of the inhaler including the mouthpiece for the presence of loose objects.



62000000084645



Artwork copyright is the property of the GSK Group of Companies. All suppliers providing a service to GSK for printed components of any description must ensure that they have a licence for all fonts / software used in conjunction with GSK artwork. The distribution and use of fonts / software without a licence constitutes an intellectual property infringement. GSK will not accept any liability for the breach of third party intellectual property rights by printed component suppliers. The GSK certification / audit process requires suppliers to declare that they do not use unlicensed fonts / software and may require the supplier to produce evidence of such licence to GSK.

Version: 1			
Harmony AMS Artwork Information Panel			
Manufacturing Site Number: 62000000084645			
Manufacturing Site(s): GSK_ARANDA_SPAIN			
Product Market Trade Name: Flixotide;Flixotide evohaler			
Approving Market(s): Singapore-SGP			
Print Process: N/A			
Colour Standard Reference: N/A			
Technical Drawing (Do NOT include version number): 02-01-XX-273-11			
Material Spec. (Do NOT include version number): N/A			
Material Type: N/A		N/A	
Total Colours & Varnishes: 1			
BLACK			
Total Special Finishes: 0			
Body Text Size: 8.0pt			
Smallest Text Size: 8.0pt			
Leading: 8.0pt			
Horizontal Scale: 100%			
Microtext: N			
Additional Info (1): N/A			
Additional Info (2): N/A			
Additional Info (3): N/A			

200 mm Measuring Bar  
If an e-banner DOES NOT appear on the top of this document, THEN this document has NOT been printed from the Harmony system.

PHARMA CODE N° 85/75

## IMPORTANT

GSK LOC is responsible to approve the change documentation, artwork brief and final artwork, ensuring that it is accurate, consistent and complete.

GSK SDC is responsible for site technical requirements and pre-press suitability.

GSK Market is responsible to advise SDC when changes required impact the following:

Formulation  
Tablet embossing  
Storage conditions  
Shelf Life

## NOTE TO MARKET

Local approvers must ensure that trade mark and copyright statements included in the brief comply with guidance provided by Legal: Global Trade Marks.

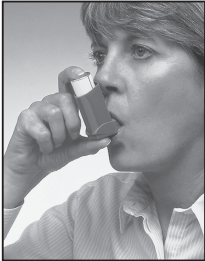
3. Shake the inhaler well to ensure that any loose objects are removed and that the contents of the inhaler are evenly mixed.



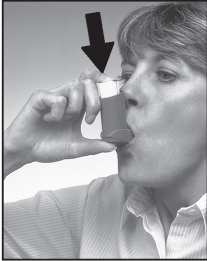
4. Hold the inhaler upright between fingers and thumb with your thumb on the base, below the mouthpiece.



5. Breathe out as far as is comfortable and then place the mouthpiece in your mouth between your teeth and close your lips around it but do not bite it.



6. Just after starting to breathe in through your mouth press down on the top of the inhaler to release *FLIXOTIDE* while still breathing in steadily and deeply.



7. While holding your breath, take the inhaler from your mouth and take your finger from the top of the inhaler. Continue holding your breath for as long as is comfortable.



8. If you are to take further puffs keep the inhaler upright and wait about half a minute before repeating steps 3 to 7.  
9. Afterwards, rinse your mouth with water and spit it out.  
10. Replace the mouthpiece cover by firmly pushing and snapping the cap into position.

### IMPORTANT:

Do not rush stages 5, 6 and 7. It is important that you start to breathe in as slowly as possible just before operating your inhaler. Practise in front of a mirror for the first few times. If you see "mist" coming from the top of your inhaler or the sides of your mouth you should start again from stage 2.

If your doctor has given you different instructions for using your inhaler, please follow them carefully. Tell your doctor if you have any difficulties.

### Cleaning:

Your inhaler should be cleaned at least once a week.

1. Remove the mouthpiece cover.
2. Do not remove the canister from the plastic casing.
3. Wipe the inside and outside of the mouthpiece with a dry cloth or tissue.
4. Replace the mouthpiece cover.

DO NOT PUT THE METAL CANISTER INTO WATER.

Version number: GDS36/IP112(SI) (Aranda)

Date of issue: 05 November 2020

Trade marks are owned by or licensed to the GSK group of companies

Manufactured by GlaxoWellcome S.A., Aranda, Spain

62000000084645