

MIDASCARE



FORMULATING A BETTER TOMORROW



QUALITY, RELIABILITY, CONSISTENCY AND SAFETY

MidasCare is the second largest manufacturer of MDI in India. Exporting to more than 45 countries. Supplying directly to the Ministry of Health in more than 20 countries.

We know how important the safety and health of your patients are to you.

MidasCare picks the best components from across the world to create

Inhalers addressing over 18 different dosage requirements.

- Our cans are made in UK
- Valves are imported from France
- Propellants carefully crafted in USA
- APIs from India Our two ultra-modern, state-of-the-art plants located in Maharashtra and Himachal Pradesh in India encompass Class 100000 for packaging and Class 100 for filling surrounded by Class 10000 for MDI manufacturing
- Rated as 'high quality manufacturing facilities' in the safety audit conducted in line with the British Safety Council's Safety Management Audit System
- GMP approval by:
 - » WHO-GMP
 - » Republic of Kenya (Pharmacy and Poisons Board)
 - » UK MHRA



MIDASCARE

Bronchodilators



Bonair L™
Levosalbutamol



Bonair™
Salbutamol

Combination Medications



Salbesone® L 50
Levosalbutamol 50 mcg +
Beclomethasone 50 mcg



Salbesone® L 100
Levosalbutamol 100 mcg +
Beclomethasone 50 mcg

Combination Medications



Flusal™ 50/125/250
Salmeterol + Fluticasone



Forb™ 100/200/400
Formoterol Fumarate +
Budesonide



Flutor™ 50/125/250
Formoterol Fumarate +
Fluticasone



Fortropium™
Formoterol Fumarate +
Tiotropium



Saliprair® L 20
Levosalbutamol +
Ipratropium Bromide



Salbesone™
Salbutamol +
Beclomethasone Dipropionate



Saliprair™
Salbutamol +
Ipratropium Bromide

MIDASCARE

Preferred COPD Medications



Bontiair™
Tiotropium Bromide



Iprair®
Ipratropium Bromide

LABA (Long Acting β agonist) Medications



Formair®
Formoterol Fumarate



Salmair™
Salmeterol

Corticosteroids



Besone™ 50/100/200/250
Beclomethasone Dipropionate



Budesone™ 100/200/400
Budesonide



Flusone® 50/125/250
Fluticasone Dipropionate

MIDASCARE

Bonair L™

Levosalbutamol

Strengths – 50 mcg

Presentation

Bonair L is available in canisters containing 200 metered doses.

Composition

Each actuation delivers
Levosalbutamol Sulphate IP ... 50 mcg
Equivalent to Levosalbutamol ... q.s.
Propellant Hydrofluoroalkane ... 4.0 % w/w
Ethanol IP

- Levosalbutamol acts as a functional agonist that relaxes the airway irrespective of the spasmogen involved, thereby protecting against all bronchoconstrictor challenges.
- Studies have shown that in asthmatic patients, treatment with Levosalbutamol decreased hypersensitivity to methacholine to a greater degree and with longer duration of action than does treatment with Racemic salbutamol
- Levosalbutamol – Sulfate is non - hygroscopic unlike Levosalbutamol Tartrate
- More safe and lesser side effects as compared to Racemic salbutamol



MIDASCARE

Bonair™

Salbutamol

Strengths – 100 mcg

Presentation

Bonair is available in canisters containing 200 metered doses.

Composition

Each actuation delivers
Salbutamol Sulphate IP
Equivalent to Salbutamol ... 100 mcg
Oleic Acid IP
Propellant HFA 134a ... q.s.
Ethanol IP ... 4.0 % w/w

- Bonair has selective Beta 2 adrenergic receptor stimulating activity.
- It contains Salbutamol, which is time tested and trusted adrenergic drug .
- as a inhaler in treatment of acute asthma
- It is safer for patients of bronchial asthma with cardiac ailment
- Bonair being inhaler is devoid of any systemic side effects in suggested dose regimen.
- It is also used to prevent asthma brought on by exercise. It is a quick-relief drug.



MIDASCARE

Flusal™

Salmeterol + Fluticasone

Strengths – 50/125/250 mcg

Presentation

Flusal 50/125/250 inhalers are available in canisters containing 120 metered doses.

Composition

Each actuation delivers
Salmeterol Xinafoate IP
Equivalent to Salmeterol
Fluticasone propionate IP
Sorbitan Trioleate BP
Propellant HFA 134a
Ethanol IP

Flusal 50	Flusal 125	Flusal 250
25 mcg 50 mcg	25 mcg 125 mcg	25 mcg 250 mcg
q.s. 0.5 % w/w	q.s. 0.5 % w/w	q.s. 0.5 % w/w

- Fluticasone is in a class of medications called steroids. It works by reducing swelling in the airways. Salmeterol is in a class of medications called long-acting beta-agonists (LABAs).
- Salmeterol – slowest onset takes 20 min and long duration 12 hr
- Improvement in asthma control occurs within 30 minutes of beginning treatment; maximum benefit can take 1 week or longer.
- Offer lower rate of exacerbations
- Offer lower Mortality
- High FPF (Fine particle fraction)
- Independent of patient's inspiratory flow rate



MIDASCARE

Forb™

Formoterol Fumarate + Budesonide



Strengths – 100/200/400 mcg

Presentation

Forb 100/200/400 inhalers are available in canisters containing 120 metered doses.

Composition

	Forb 50	Forb 200	Forb 400
Each actuation delivers			
Formoterol Fumarate Dihydrate IP	6 mcg	6 mcg	6 mcg
Equivalent to Formoterol Fumarate	100 mcg	200 mcg	400 mcg
Budesonide IP	q.s.	q.s.	q.s.
SorbitanTrioleate BP	0.5 % w/w	0.5 % w/w	0.5 % w/w
Propellant HFA 134a			
Ethanol BP			

- Budesonide and Formoterol inhalation is a combination medicine used to prevent bronchospasm in people with asthma or chronic obstructive pulmonary disease (COPD).
- Budesonide is an anti-inflammatory corticosteroid that exhibits potent glucocorticoid activity and weak mineral corticoid activity.
- Formoterol is a long-acting selective beta-2 adrenergic agonist (beta-2 agonist) with a rapid onset of action. Inhaled formoterol acts locally in the lung as a bronchodilator
- Forb with once daily dosage provides sustained efficacy over 24 hours similar to twice daily dosage
- Offer lower rate of exacerbations
- Increased symptoms free days
- Increased medication free days
- Improved overall lung function
- Improves asthma control and reduces asthma symptoms

MIDASCARE

Flutfor™

Formoterol + Fluticasone

Strengths – 50/125/250 mcg

Presentation

Flutfor 50/125/250 inhalers are available in canisters containing 120 metered doses.

Composition

Each actuation delivers

Formoterol Fumarate Dihydrate IP

Equivalent to Formoterol Fumarate

Fluticasone Propionate IP

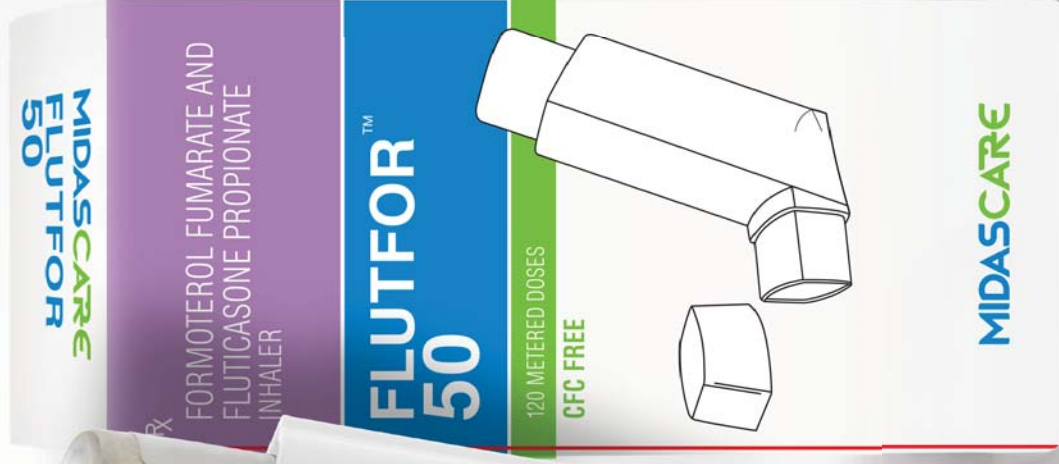
Sorbitan Trioleate BP

Propellant HFA 134a

Ethanol IP

	Flutfor 50	Flutfor 125	Flutfor 250
Formoterol Fumarate Dihydrate IP	Ø.5mggg	Ø.5mggg	Ø.5mggg
Equivalent to Formoterol Fumarate	50 mcg	125 mcg	250 mcg
Fluticasone Propionate IP	q.s.	q.s.	q.s.
Sorbitan Trioleate BP	0.5 % w/w	0.5 % w/w	0.5 % w/w
Propellant HFA 134a			
Ethanol IP			

- Formoterol contains bronchodilators, which make the inhale and exhale process easier by relaxing the narrowed airways.
- Fluticasone contains corticosteroids that help reduce swelling and inflammation in the airways.
- Compared with fluticasone, fluticasone/formoterol provides greater increase in the percentage of asthma control days (no symptoms, no rescue medication use and no sleep disturbance due to asthma)
- Bronchodilation starts within 5 min of dosing
- Disease control and reduces Asthma symptoms



MIDASCARE

Fortropium™

Formoterol Fumarate + Tiotropium



Presentation

Formoterol Fumarate and Tiotropium Bromide Inhaler is available in canisters containing 180 metered doses.

Composition

Each actuation delivers

Formoterol Fumarate Dihydrate IP	... 6 mcg
Equivalent to Formoterol Fumarate	
Tiotropium Bromide Monohydrate IP	... 9 mcg
Equivalent to Tiotropium	... q.s.
Propellant Hydrofluoroalkane	

- Fast, greater and prolonged bronchodilation,
- Improvement in exercise tolerance and reduce dyspnoea
- Reduces the need of rescue inhaler
- Improvement in quality of life
- Formoterol (β_2 -agonist) and Tiotropium (anticholinergic) are long-acting bronchodilators with different mechanisms of action. Formoterol has a fast onset and a bronchodilator effect of approximately 12 h, while Tiotropium has a 24-h bronchodilator effect and is given once daily.

MIDASCARE

Salbesone® L50/100

Levosalbutamol + Beclomethasone Dipropionate

Strengths – 50/100 mcg

Presentation

Salbesone L50/100 is available in canisters containing 200 metered doses.

Composition

Each actuation delivers
Levosalbutamol Sulphate IP
Equivalent to Levosalbutamol
Beclomethasone Dipropionate IP
Oleic Acid IP
Propellant HFA 134a
Ethanol IP

Salbesone L 50

50 mcg
50 mcg
q.s.
10.42 % w/w

Salbesone L 100

100 mcg
50 mcg
q.s.
10.42 % w/w



- Combining 2 ingredients is considered by physicians to be ideal in the treatment of patients needing regular treatment with these ingredients, as opposed to separate administration.
- Beclomethasone inhibits glucocorticoid activity, and by inhibiting various different cells and mediators of inflammation that contribute to the asthmatic response, it can help to prevent inflammation in the airways.
- Levosalbutamol is a beta 2 adrenergic receptor agonist. By relaxing the muscles in the smooth muscles of the airways, it can improve the passage of airway in and out of the lungs.
- Levosalbutamol has a highly selective action on the receptors in bronchial muscle, resulting in bronchodilation.
- Beclomethasone dipropionate is a synthetic glucocorticoid with a potent antiinflammatory activity and weak mineralocorticoid activity.
- This combination of Levosalbutamol and beclomethasone dipropionate is specially provided for those patients who require regular doses of both drugs for treatment of their obstructive airways disease.

MIDASCARE

Saliprair® L20

Levosalbutamol + Ipratropium Bromide



Strengths – 20 mcg

Presentation

Levosalbutamol Sulphate and Ipratropium Bromide Inhaler is available in canisters containing 200 metered doses.

Composition

Each actuation delivers

Levosalbutamol Sulphate IP

Equivalent to Levosalbutamol ... 50 mcg

Ipratropium Bromide IP ... 20 mcg

Propellant Hydrofluoroalkane ... q.s.

Ethanol IP ... 1.0% w/w

- The synergistic action (interacting to enhance the action of each other) of Levosalbutamol and Ipratropium reduces bronchospasm to a greater extent than would be provided by each drug alone, helping to prevent and relieve symptoms of COPD.
- Levosalbutamol - sulfate has more solubility as compared to Levosalbutamol - Tartrate
- Levosalbutamol - Sulfate is non - hygroscopic unlike Levosalbutamol Tartrate
- Levosalbutamol: Sympathetic nervous system, Stimulates beta, adrenergic receptors, causes bronchodilation, open up airways
- Ipratropium :Parasympathetic nervous system, blocks muscarinic receptors, prevents bronchoconstriction, prevents airways from closing
- Clinically superior bronchodilation
- Decreases side effects & reduced Hospitalization
- Total lung coverage
- Greater improvement in lung function
- Fast and effective relief in COPD
- More penetration of drug
- More safer lesser side effects

MIDASCARE

Salbesone™

Salbutamol + Beclomethasone Dipropionate



Presentation

Salbutamol and Beclomethasone Inhaler is available in canisters containing 200 metered doses.

Composition

Each actuation delivers

Salbutamol Sulphate IP

Equivalent to Salbutamol

Beclomethasone Dipropionate IP

Propellant HFA 134a

Ethanol IP

... 100 mcg

... 50 mcg

... q.s.

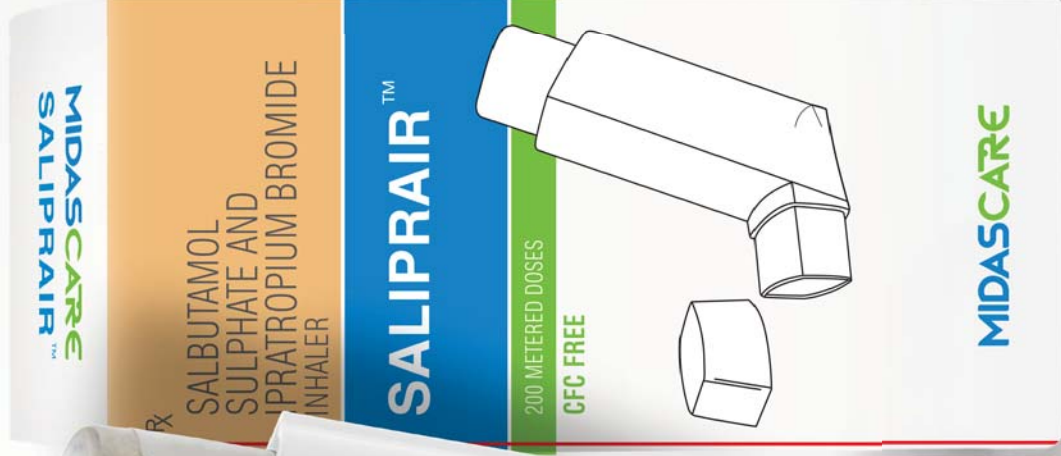
... 10.42 % w/w

- Salbesone is a synergic combination of bronchodilator, Salbutamol & Corticosteroid
- Salbesone ensures prompt bronchodilation and also ensures subsequent control of bronchial oedema
- Salbesone takes care of triggers as well as inducers as it is rational combination of bronchodilator and corticosteroids
- It ensures good patient compliance
- Salbutamol plus beclomethasone may be used effectively in the prophylaxis of early and late asthmatic reactions

MIDASCARE

Saliprair™

Salbutamol + Ipratropium Bromide



Presentation

Salbutamol Sulphate and Ipratropium Bromide Inhaler is available in canisters containing 200 metered doses.

Composition

Each actuation delivers

Salbutamol Sulphate IP

Equivalent to Salbutamol

... 100 mcg

Ipratropium Bromide IP

... 20 mcg

Propellant HFA 134a

... q.s.

Ethanol IP

... 1.736 % w/w

- Combination of inhaled Ipratropium Bromide and Salbutamol provides greater bronchodilatation than mono therapy with Salbutamol alone in acute severe asthma
- Ipratropium bromide acts via parasympathetic pathway may not be useful for initial treatment of acute episodes of bronchospasm. However, beneficial effects are expected when acute episodes of bronchospasm in asthmatic patients are experienced owing to stress situation (on psychosomatic basis), exercise
- The effect of Ipratropium Bromide occurs approximately after 60 minutes of administration, and have suggested that the combination produces a longer duration of bronchodilatation than either drug alone

MIDASCARE

Bontiair™

Titropium Bromide



Presentation

Bontiair inhaler is available in canister containing 180 metered doses.

Composition

Each actuation delivers

Tiotropium Bromide Monohydrate IP	...	9 mcg
Equivalent to Tiotropium	...	q.s.
Propellant Hydrofluoroalkane	...	q.s.

- Tiotropium Bromide Inhalation is an anticholinergic drug used to prevent bronchospasm (narrowing of the airways in the lungs) in people with bronchitis, emphysema, or COPD (chronic obstructive pulmonary disease)
- Tiotropium controls COPD but does not cure it. It may take a few weeks before you feel the full benefits of Tiotropium
- It is long-acting, which means that its effects last for 24 hours, so you only need to use it once each day. It is not a rescue treatment for sudden breathlessness.

MIDASCARE

Iprair®

Ipratropium Bromide



Presentation

Ipratropium Bromide Inhaler is available in canisters containing 200 metered doses.

Composition

Each actuation delivers

Ipratropium Bromide IP ... 20 mcg
Propellant Hydrofluoroalkane ... q.s.

Anti-Cholinergic effect

- In asthma and chronic obstructive pulmonary disease, cholinergic nerves going to the lungs cause narrowing of the airways by stimulating muscles surrounding the airways to contract. The "anti-cholinergic" effect of ipratropium blocks the effect of cholinergic nerves, causing the muscles to relax and airways to dilate
- It is used to treat the symptoms of chronic obstructive pulmonary disease and asthma. It is used by inhaler or nebulizer. Onset of action is typically within 15 to 30 minutes and lasts for three to five hours
- It is also used to treat and prevent minor and moderate bronchial asthma, especially asthma that is accompanied by cardiovascular system diseases
- It is a non selective muscarinic antagonist, and does not diffuse into the blood, which prevents systemic side effects.

MIDASCARE

Besone™



Beclomethasone Dipropionate

Strengths – 50/100/200/250 mcg

Presentation

Besone 50/100/200/250 is available in canisters containing 200 metered doses.

Composition

	Besone 50	Besone 100	Besone 200	Besone 250
Each actuation delivers				
Beclomethasone Dipropionate IP	50 mcg	100 mcg	200 mcg	250 mcg
Oleic acid IP	q.s.	q.s.	q.s.	q.s.
Propellant HFA 134a	10.42% w/w	10.42% w/w	11.8% w/w	11.8% w/w
Ethanol IP				

- It works directly in the lungs to make breathing easier by reducing the irritation and swelling of the airways.
- Besone provides time tested and trusted corticosteroid Beclomethasone Dipropionate
- It ensures accurate dose regimen and also ensures optimum respirable fraction
- It reduces or eliminates the need for oral corticosteroid therapy in patients with more severe disease
- Its inhaled drug delivery system is appropriate and safe despite being potent corticosteroid.
- This medication must be used regularly to prevent breathing problems (attacks of wheezing/shortness of breath).
- **Comparison with Glucocorticoids**
- Beclomethasone is a synthetic steroid of the glucocorticoid family.
- The naturally-occurring glucocorticoid (cortisol or hydrocortisone) is produced in the adrenal glands. Glucocorticoid steroids have potent anti-inflammatory actions.
- When used as an inhaler, the medication goes directly into the lungs, and very little finds its way into the rest of the body.
- Therefore, in comparison with glucocorticoids that are taken orally, Beclomethasone has fewer side effects.

MIDASCARE

Budesone™



Budesonide

Strengths – 100/200/400 mcg

Presentation

Budesone 100/200/400 inhalers are available in canisters containing 200 metered doses.

Composition

	Budesone 100	Budesone 200	Budesone 400
Each actuation delivers			
Budesonide IP	100 mcg	200 mcg	400 mcg
Sorbitan Trioleate BP	q.s.	q.s.	q.s.
Propellant HFA 134a	1.0 % w/w	1.0 % w/w	1.0 % w/w
Ethanol IP			

- Glucocorticoid steroids such as cortisol or Budesonide have potent anti-inflammatory actions that reduce inflammation and hyper-reactivity (spasm) of the airways caused by asthma.
- When used as an inhaler, the Budesonide goes directly to the inner lining of the inflamed airways to exert its effects.
- Only 39% of an inhaled dose of Budesonide is absorbed into the body, and the absorbed Budesonide contributes little to the effects on the airways.
- While some improvement in the symptoms of asthma may occur within 24 hours, it may take a few weeks to obtain the maximum therapeutic benefits of Budesonide when used to treat asthma.
- Budesonide inhalation is used to prevent asthma attacks. It will not treat an asthma attack that has already begun.

MIDASCARE

Flusone®

Fluticasone Dipropionate

Strengths – 50/125/250 mcg

Presentation

Flusone 50/125/250 inhalers are available in canisters containing 120 metered doses.

Composition

Each actuation delivers

Fluticasone Propionate IP

Sorbitan Trioleate BP

Propellant HFA 134a

Ethanol IP

	Flusone 50	Flusone 125	Flusone 250
	50 mcg	125 mcg	250 mcg
	q.s.	q.s.	q.s.
	0.5 % w/w	0.5 % w/w	0.5 % w/w

- Fluticasone travels to the airways in the lung. In asthmatic patients, the suppression of inflammation within the airways reduces the spasm of muscle cells that surround the airways as well as the accumulation of fluid and cells that accompanies the inflammation which lead to narrowing of the airways. The narrowing makes it difficult to get air into and out of the lungs. Fluticasone is a preventer inhaler. Use it every day to prevent your symptoms from developing.
- Steroids like Fluticasone work by reducing the inflammation in your airways
- Fluticasone propionate will often help control asthma symptoms with less suppression of HPA (Hypothalamic Pituitary Adrenal Axis) function than therapeutically equivalent oral doses of prednisone.
- A relationship between plasma levels of Fluticasone Propionate and inhibitory effects on stimulated cortisol production has been shown after 4 weeks of treatment with fluticasone propionate inhalation aerosol.
- When the inflammation has gone, your airways are much less likely to become narrow and cause symptoms such as wheezing.



MIDASCARE

Formair®

Formoterol Fumarate



Presentation

Formoterol Fumarate Inhaler is available in canisters containing 120 metered doses.

Composition

Each actuation delivers

Formoterol Fumarate Dihydrate IP

Equivalent to Formoterol Fumarate ... 12 mcg

Sorbitan Trioleate BP

Propellant HFA 134a ... q.s.

Ethanol IP ... 0.5 % w/w

- Formair is a selective long active Beta 2 adreno receptor agonist
- It ensures patient compliance because of twice daily dosage
- It has high lipid solubility because of which Formair dissolves in smooth muscle cell membrane in high concentration, thus mimics sustained release drug profile
- Formair, because of its long action is most appropriate to prevent nocturnal asthmatic attack

MIDASCARE

Salmair™

Salmeterol



Presentation

Salmeterol Inhaler is available in canisters containing 120 metered doses.

Composition

Each actuation delivers

Salmeterol Xinafoate IP

Equivalent to Salmeterol ... 25 mcg

Sorbitan Trioleate BP

Propellant HFA 134a ... q.s.

Ethanol IP ... 0.5 % w/w

- Salmeterol is a bronchodilator. It works by relaxing muscles in the airways to improve breathing.
- Salmeterol works in the airways by relaxing muscles and opening air passages to improve breathing
- Patients who are using salmeterol twice daily should not take additional doses prior to exercise.
- It is also used to prevent asthma brought on by exercise (bronchospasm).
- It will keep the airways relaxed and open up for 12 hours

MIDASCARE

LOVIN[®]

DISINFECTANT SPRAY



Active Ingredients: Chloroxylenol IP 0.24 % and Terpineol BP 0.50 %.

USP: Lovin Disinfectant Spray's fast spray action is effective for use in hospitals and clinics for disinfection of floors, bathrooms, washbasins and organic waste.

MIDASCARE

PRS™ SPRAY

Pain Relief Spray



PRS Spray is a unique pain reliever which has the power of Relispray combined with Diclofenac. It gives quicker, stronger pain relief.

Active Ingredient: Diclofenac diethylamine 1.16%, Methyl Salicylate 10.0%, Virgin Linseed Oil 3.0%, Menthol 5.0%.

Indications: Instant pain relief from muscle pain, sprain, joint pain, shoulder pain, backache and bodyache.

USP: The pain relief and repair technology penetrates to the root of the pain, heals damaged muscles and keeps pain away longer.

MIDASCARE

COOLEX[®]

Burn Relief Spray



Active Ingredient: Lidocaine 3% and Benzethonium Chloride 0.2%.

Indication: Provides instant relief from burning sensation and prevents blister formation in case of minor burns unlike regular creams, water or ice. Its unique formula permeates through the epidermis to directly soothe the affected tissue. Making treating burns easier.

USP: Burn relief spray, smart and easy spray application, more effective than cream, effective cooling sensation, prevents blister formation. Provides instant and long lasting relief from burns and scalds. Soothes migraine pain and also provides relief from insect bites, sores and rashes.

MIDASCARE

VINODINE™

Burn Relief Spray



Active Ingredient: Povidone Iodine 5% w/w.

Indication: Broad spectrum antiseptic for topical application in the treatment and prevention of infection in wounds. First aid for minor cuts, grazes, burns, abrasions and blisters.

USP: Easy usage through spray format. High-stability and long shelf-life.

MIDASCARE

MISTDRESS®

Antiseptic Bandage Spray



Active Ingredient: Lidocaine 1% w/w, Cetrimide 0.1% w/w, Polyvinyl Polymer 2.8% w/w.

Indications: Relieves pain and controls blood loss, provides protection and heals minor cuts, wounds and abrasions. On spraying, it quickly dries to form a water resistant, flexible, breathable and antiseptic film over the wound. It protects and heals the area of application. It is peel-proof and gets towed off in 4-5 days after application.

USP: Better than gauze bandage because it is water resistant, has an antiseptic action and does not cause pain while stretching as it is as flexible as natural skin. Smart and easy spray application to any size or shape of wound.

MIDASCARE

CLEAN AND DRY™

Clotrimazole Antifungal Spray



Active ingredient: Clotrimazole 1%.

Indications: Treats fungal infections on skin like sweat rashes, ringworm, fungal infection on toes, skin folds etc.

USP: Easy spray application on large infected area.

MIDASCARE

MIDASCARE[®] ISOPROPANOL SPRAY

Isopropanol Spray



Active ingredient: Isopropyl alcohol 55% w/w.

Indication: Cleansing agent used prior to an injection and surgical treatment.

USP: Smart and easy spray application, quickly cleanses and evaporates.

MIDAS CARE

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For the use of a Registered Medical Practitioner or a Hospital or a Laboratory only.