

Nosniff S Nasal Spray

**Sodium Chloride I.P. 0.65% w/v +
Benzalkonium Chloride Solution I.P.
0.02% w/v Nasal Drop**

**Category: Nasal Decongestant / Saline
Solution**

Dosage Form: Nasal Drop

Description:

Sodium Chloride I.P. 0.65% w/v is a saline solution designed to moisten and clear the nasal passages, commonly used for treating nasal congestion due to conditions like the common cold, allergic rhinitis, or sinusitis. It helps to soothe irritated nasal tissues and maintain proper moisture balance. The addition of Benzalkonium Chloride I.P. 0.02% w/v, an antiseptic agent, provides mild antimicrobial protection, helping to reduce the risk of infection in the nasal passages.

This nasal drop formulation is intended for use in individuals who suffer from nasal dryness, congestion, or irritation.

Composition (Per ml):

- Sodium Chloride (I.P.): 0.65% w/v
- Benzalkonium Chloride (I.P.): 0.02% w/v
- Excipients: Suitable excipients for nasal drop formulation.

Indications:

**Sodium Chloride + Benzalkonium Chloride
Nasal Drops are indicated for:**

1. Relief of Nasal Congestion:

- Helps to relieve nasal congestion due to conditions like allergic rhinitis, sinusitis, and common cold.
- Aids in moistening and soothing dry or irritated nasal passages.

2. Prevention of Infection:

- Benzalkonium Chloride, an antimicrobial agent, helps to reduce the risk of infection in the nasal passages, particularly during or after nasal surgery or in environments prone to allergens or pollutants.

3. Postoperative Nasal Care:

- Helps to keep the nasal passages hydrated and clean after nasal surgery, helping prevent crusting and irritation.

4. Relieving Dryness:

- Especially useful in environments where nasal passages can become dry, such as air-conditioned rooms or in cold, dry climates.

Dosage and Administration:

- Adults and Children (over 2 years):
 - Instill 2 to 3 drops in each nostril 2 to 3 times a day, or as recommended by the healthcare provider.

- The drops can be used up to 4 times a day if needed for additional moisture or relief from dryness or congestion.
 - **Infants (under 2 years):**
 - 1 to 2 drops in each nostril, administered as directed by a pediatrician.
 - Use with caution and under medical supervision.
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Mechanism of Action:

- **Sodium Chloride:**
 - Acts as a saline solution that helps to thin and loosen mucus in the nasal passages, making it easier to clear the nasal airways. It also restores moisture to dry nasal membranes.
 - **Benzalkonium Chloride:**
 - Functions as a mild antiseptic agent that helps in reducing microbial load in the nasal passages, preventing bacterial or viral infections, particularly in inflamed or irritated nasal tissues.
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Contraindications:

- **Hypersensitivity:**
 - Contraindicated in individuals who are allergic to Sodium Chloride, Benzalkonium Chloride, or any other component of the formulation.
- **Nasal Obstruction or Blockage:**
 - Not recommended for use in cases of complete nasal

obstruction where drainage of nasal secretions is not possible.

Warnings and Precautions:

1. **Use with Caution in Sensitive Individuals:**
 - If the patient has a history of nasal sensitivity or nasal surgery, it is advised to consult a healthcare provider before use to avoid irritation.
 2. **Overuse:**
 - Overuse of nasal drops may lead to mucosal irritation or dryness in the nasal passages. If symptoms persist or worsen, discontinue use and consult a healthcare provider.
 3. **Children Under 2 Years:**
 - For infants, use under medical supervision, and avoid overuse. Excessive use can cause nasal irritation or a risk of fluid retention.
 4. **Pregnancy and Lactation:**
 - Generally considered safe for use during pregnancy and lactation. However, it is always recommended to consult a healthcare provider before using any medication during pregnancy or breastfeeding.
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Adverse Effects:

- **Common Side Effects:**
 - Nasal irritation or burning sensation in the nostrils.
 - Dryness or discomfort in the nasal passages if used too frequently.

- Rarely, a mild stinging or sneezing may occur.
 - **Serious Side Effects:**
 - Allergic reactions such as rash, swelling, or difficulty breathing are rare but possible.
 - Excessive use can result in drying of the nasal mucosa or discomfort.
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Drug Interactions:

- **No significant drug interactions are known with Sodium Chloride or Benzalkonium Chloride nasal drops. However, if the patient is using other nasal medications or sprays, it is advisable to consult a healthcare provider to avoid overlapping treatments or excessive use of nasal agents.**
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Storage Instructions:

- **Store the nasal drop bottle at room temperature (15–30°C).**
 - **Keep the bottle tightly closed to prevent contamination.**
 - **Keep out of the reach of children.**
 - **Discard the bottle if the solution appears cloudy or if there is any sign of contamination.**
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Key Points for Use:

- **Sodium Chloride + Benzalkonium Chloride Nasal Drops are intended for short-term use to alleviate**

symptoms of nasal congestion, dryness, and irritation.

- **Use as directed to avoid overuse and potential irritation.**
- **If symptoms persist or worsen after use, consult a healthcare provider.**

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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