



SUGGESTED FORMULA

Buffered Isotonic Vehicle for Nasal Solution, Preserved

Version number: 1.0

Volume: 100 mL

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| Sodium Phosphate, Monobasic | 0.65gm |
| Sodium Phosphate, Dibasic Heptahydrate | 0.54gm |
| Sodium Chloride | 0.45gm |
| Benzalkonium Chloride | 50-100mg |
| Water, Sterile for Injection PF | QS 100 mL |

Note: The Sodium Phosphate Monobasic should be the **hydrated** form. The Dibasic Sodium Phosphate should be the **hydrated** form. If alternate moles of hydration are utilized, the formula should reflect appropriate calculations. The solution is pH 6.5 and Isotonic. The quantity of Benzalkonium chloride may be calculated from the standard 50% solution. This solution may be filtered through a 0.22um filter, although unless tested the BUD will be significantly shortened.

SUGGESTED COMPOUNDING PROCEDURES

1. Calculate the required quantity of each ingredient for the total amount to be prepared.
2. Accurately weigh and/or measure each ingredient.
3. Dissolve the powders in approximately 50mL of sterile water for injection add benzalkonium chloride and bring to volume
4. Record pH of Solution
5. Fill nasal delivery container.
6. Package and label.
7. Quality Assessments:
 - a. Weight to Volume calculation
 - b. Proper packaging
 - c. Color

Store in air tight containers

Store Refrigerated

No claims are made as to the safety or efficacy of this preparation. This formulation is provided solely at the unsolicited request of the pharmacist.

Beyond-Use Dates of preparations are conservative estimates by the formulator using reference books, peer-reviewed literature, and intended duration of therapy, formulation from commercially available products, organoleptic observations and current USP guidelines. Compounders may have stability studies performed by a reputable laboratory if they wish to extend the Beyond-Use Date. It is recommended that you follow USP <795> recommendations for potency testing.

Beyond-Use Date is estimated to be 30 Days Refrigerated per CompoundingToday.com formula #569

Precautions:

General precautions should be taken to prevent cross-contamination and exposure of ingredients to the compounder and contamination of the preparation by the compounder. Wear appropriate protective equipment. Use safety enclosures (hoods) when weighing and mixing.

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