



SUGGESTED FORMULA

Sodium Hypochlorite 0.5% for Dental Irrigation

Version number: 1.0

Volume or quantity: 100 gm

Sodium Hypochlorite Solution, NF	9.5mL
Boric Acid	q.s.
Purified Water, USP	q.s. 100mL

The formula has also been termed Carrel-Dakin Solution. This preparation releases 0.45gm to 0.5gm of sodium hypochlorite per 100mL of solution. This preparation should be prepared in a vertical airflow hood in a biological safety cabinet or barrier isolation technology.

SUGGESTED COMPOUNDING PROCEDURES

1. Calculate the required quantity of each ingredient for the total amount to be prepared
2. Accurately weight and/or measure each ingredient
3. In an appropriate container add the Sodium Hypochlorite and Purified water to volume
4. Using the Boric Acid, adjust pH to 8; record volume
5. Package and label
6. Suggested Quality assessments:
 - a. Color
 - b. Clarity
 - c. Container
 - d. Label - auxiliary labels, storage, BUD, compounded medication

***For Hospital or Office Use Only**

Store in air-tight, light resistant container, at controlled room temperature.

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 from 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 when stored in a refrigerator per CompoundingToday.com
Formula # 1219

Precautions:

Precautions should be taken when compounding hormones, following USP Chapter <800> standards. These may be absorbed through skin, mucous membranes and lungs. Wear appropriate personal protective equipment – and inform personnel of the risk. Mix and prepare in double-HEPA filtered or filtered/vented enclosure (hood). Pregnant women and personnel with hormone related cancers should not compound hormone preparations.

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.

Although much attention has been paid to ensure the accuracy of the formulation contained here, Spectrum Pharmacy Products accepts no liability for the loss or damage arising from reliance on the information. Compounding pharmacists using this formula take full responsibility for the formulations and hold Spectrum Pharmacy Products and Spectrum Chemical Mfg Corp. and its officers, directors and employees harmless for any claim arising from use of or reliance on information contained therein.

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