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### SUGGESTED FORMULA

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#### Hand Sanitizer Isopropyl Alcohol - WHO

Version number: 1.0

Volume: 100 mL

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Isopropyl Alcohol 99% (IS115)	75mL
Glycerin, USP (G1016 or G1015)	1.45 mL
Hydrogen Peroxide 3% Topical Solution, USP (HY110)	4.17 mL
Sterile distilled water or boiled cold water	Q.S. 100mL

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#### SUGGESTED COMPOUNDING PROCEDURES

1. Calculate the required quantity of each ingredient for the total amount to be prepared
2. Add alcohol to calibrated vessel, followed by hydrogen peroxide
3. Add sufficient water to volume and mix well
4. Package and label. Quarantine for 72 hours before use.
5. Suggested Quality Assessments – follow pharmacy SOPs:
  - a. Volume to volume calculation
  - b. Color
  - c. Clarity
  - d. WHO recommends post-production analysis  $\pm 5\%$  of target. A 75% IPA solution will show 77% ( $\pm 1\%$ ) on the alcoholmeter at 25°C.

#### Keep away from eyes and mucous membranes

Store in air tight containers

Store 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 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.

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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