



METHYLCELLULOSE 1% SICKKIDS®

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EQUIPMENT: weigh boats calibrated beaker stirring rod labels
calibrated graduate(s) amber storage bottle spatula hot plate

INGREDIENTS	QUANTITY
Methylcellulose 1500 C.P.S. Powder (USP)	10 grams
Sodium Benzoate Powder	2 grams
Sterile Water for Irrigation	qs ad 1000 mL

PROCEDURE:

1. Dissolve sodium benzoate in 200 mL of **boiling** sterile water.
2. Add methylcellulose powder and stir well for 2-3 minutes (or 1 minute on low speed if using a blender).
3. Qs ad to final volume (~800 mL) of **ice cold** sterile water.
4. Stir well for 10 minutes (or 2-3 minutes on low speed if using a blender).
5. Transfer to appropriately sized container and label.
6. Affix shrink seals if storing. Label.

NOTE: Before using, refrigerate overnight or for a minimum of 4 hours until creamy white liquid converts to a clear gel.

STORAGE: ROOM TEMPERATURE

STABILITY: 6 MONTHS
(or 30 DAYS AFTER OPENING)

REFERENCE: SICKKIDS® Pharmacy, The Hospital for Sick Children, Toronto, Ontario (2007).

Lot: _____ Manufacturing Date: _____ Expiry Date: _____
Quantity Prepared: _____

INGREDIENTS USED		SOURCE			CHECK	
Drug Name/Strength/Form	Quantity	Manufacturer	Lot	Expiry	Prepared By	Checked By
Methylcellulose 1500 CPS Powder						
Sodium Benzoate Powder						
Sterile Water qs ad						
FINAL CHECK:						

IWK Compounding Service information can be accessed via our website, www.iwk.nshealth.ca, within the *For Health Professionals* section.