



Children's Hospital of Eastern Ontario
Pharmacy Department

DIAZOXIDE 10 mg/mL ORAL SUSPENSION

Date Prepared: ____ / ____ / 20 ____

LOT: NS _____

Expiry Date: ____ / ____ / 20 ____

Final Checked By: _____

INGREDIENTS	MFR	LOT #	EXPIRY DATE	FORMULA QUANTITY	QUANTITY USED	PREPARED	CHECKED
Diazoxide 100 mg capsules	Proglycem® (MERCK)			10 capsules			
Glycerin USP				0.5 mL			
Oral Mix	Medisca			QS to 100 mL			

Risk Summary:

Always follow policies & procedures for risk assessment/NAPRA level as determined by your own pharmacy department.

Equipment and PPE:

- Mortar and pestle
- Graduated cylinder
- Glass stirring rod
- Standard CHEO Level B PPE (hair bonnet, mask, +/- beard cover, clean gown and nitrile gloves)

Procedure:

Always follow department's training protocols and policies and procedures that are currently in place.

1. Open capsules and empty the contents into mortar, (powder inside the capsule can stick to the shell, ensure capsule contents are entirely emptied). Be careful to remove any broken shell pieces from the mortar. Pulverize powder into finer particles.
2. Add a small amount of glycerin (*a few drops per capsule used*) and mix to a uniform paste.
3. Gradually add vehicle. Stir after each addition until the product is liquid enough to transfer to a graduated cylinder. Rinse mortar several times with vehicle and add product to the graduated cylinder.
4. Qs to final volume. Mix thoroughly.
5. Stir well and transfer to amber bottle. Label bottle appropriately.
6. Before washing, rinse equipment into medication disposal bin, and not directly into sink.

Quality Control:

- Final Appearance: white, opaque suspension. May settle out but should disperse easily upon shaking
- Packaging: amber plastic bottle
- Storage & BUD: 90 days refrigerated or room temperature. Protect from light

Sample Label:



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SHAKE WELL. PROTECT FROM LIGHT. Room Temperature/Refrigerated.

Quantity:

LOT:

Expiry:

Reference(s):

- Friciu et al. Stability of Diazoxide in Extemporaneously Compounded Oral Suspensions. PLoS One (Medisca). 2016; 11(10): e0164577

Formulation Review:

Master Formula Revision Dates: july 2020; march 21 (finalized formula; added glycerin as it reduced clumps); Jun 2021.