

### **Pharmacy**

| Drug Name                          | Route | <b>Dosage Form</b> | Concentration |
|------------------------------------|-------|--------------------|---------------|
| <b>Beclomethasone Dipropionate</b> | Oral  | Emulsion           | 1mg/ml        |
| in Corn Oil                        |       |                    |               |

| Formula Qty: 120 mL | Shelf Life: 180 days |
|---------------------|----------------------|
|---------------------|----------------------|

# **Equipment needed:**

Scale, mortar, pestle, graduated beaker, stirring rod

# **Auxiliary labeling/Storage: Room temperature**

### **Directions:**

- 1. Weigh out powder and triturate to a fine powder in mortar.
- 2. Begin to incorporate corn oil, small amounts at a time, mixing well after each addition.
- 3. Pour into beaker when all powder is incorporated.
- 4. Rinse mortar with additional corn oil, adding rinse to the beaker.
- 5. QS to final volume with corn oil.
- 6. Stir emulsion periodically with stirring rod for several hours until powder is dissolved and emulsion is clear.

| Ingredients                            | QS | Quantity | Units |
|--|----|----------|-------|
| Beclomethasone Dipropionate powder USP |    | 120      | Mg    |
| Corn Oil                               | X  | 120      | mL    |
|  |    |          |       |

### Citations/References

- 1. Diez-Campelo M, Perez-Simon JA, Castilla C, et al. Oral Beclomethasone dipropionate for the treatment of GI acute graft versus host disease. Biology of Blood and Bone Marrow Transplantation. 2006; 12 (Feb):36.
- 2. Iyer RV, Hahn T, Roy HN, et al. Long term use of oral beclomethasone dipropionate for the treatment of GI graft-versus-host disease. Biology of Blood and Marrow Transplantation. 2005; 11, 587-592.
- 3. Nationwide Children's Hospital, Seattle Cancer Care Alliance, and University of Washington MC/Drug Services Experience. Feb 2008.

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