NATIONWIDE CHILDREN'S
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Pharmacy

Drug Name	Route	Dosage Form	Concentration
Amiodarone	**Oral**	**Suspension**	**5mg/mL**

Formula Qty: **200 mL**	**Shelf Life:** **90 days**

Equipment needed: Mortar and pestle, graduated cylinder, amber plastic bottle

Auxiliary labeling/Storage: **Refrigerate; Shake Well**
Room Temperature stability = 42 days

Directions:

1. Crush tablets in a mortar and pestle and triturate to a fine powder.
2. Mix Ora-Blend with Sodium Bicarbonate 8.4%. (To buffer to pH=7).
   a. The pH of Ora-Blend may vary, for this reason **pH must be titrated to 7 and checked with a pH strip or meter for every batch.** DO NOT use a predetermined amount of Sodium Bicarbonate.
3. Wet powder with a minimal amount of buffered suspension and levigate to form a viscous, but smooth and uniform paste.
4. Continue adding suspension geometrically, mixing well after each addition.
5. QS to final volume with buffered vehicle.

Notes: DO NOT use all the buffered suspending mixture. You must QS to final volume. Suspension will clump if buffer is not added. Ora-Blend SF can be substituted for Ora-Blend.

*__Sodium Bicarbonate 8.4%__ is available commercially as an injection or can be compounded by placing 1 measuring teaspoonful of baking soda in 240 mL warm water and allowing to dissolve. *(Ann Pharm. 1998: (32): 480)*

Final Product Description: Thick, opaque, white suspension, maraschino cherry odor. *This description is for exact products and manufacturers specified below and may vary with substitutions*

Ingredients		QS	Quantity	Units
Amiodarone 200mg tablet	TEVA		5	each
Ora-Blend (or 1:1 Ora-Plus/Ora-Sweet) buffered to pH 6-7 with:	Paddock	X	200	mL
Sodium Bicarbonate 8.4%*			12	mL

Citations/References

1. Nahata MC, Morosco RS, Hipple TF. Stability of Amiodarone in Extemporaneous Oral Suspensions Prepared from Commercially Available Vehicles. Journal of Pediatric Pharmacy Practice. 1999; 4(July/Aug):186-189

2. Nahata MC, Stability of Amiodarone in an Oral Suspension Stored under refrigeration and at Room Temperature. Annals of Pharmacotherapy. 1997; 31(July/Aug): 851-852

Reviewed: 01/05/2015 EM

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