Kris Klueg  
(adapted from an unknown author)

<table>
<thead>
<tr>
<th>Item</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elvanol/Gelutol</td>
<td>1.2 g</td>
</tr>
<tr>
<td>Glycerol</td>
<td>3.0 g (~2.2 mL)</td>
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<tr>
<td>dH₂O</td>
<td>3.0 mL</td>
</tr>
<tr>
<td>Tris Buffer, 0.1M pH 8.5</td>
<td>6.0 mL</td>
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<tr>
<td>(pH 8 works fine)</td>
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1. Place glycerol in a centrifuge tube with conical bottom.
2. Add gelutol and stir without getting gelutol on the sides of the tube. (Or stir with abandon and then give it a quick spin to get it all to the bottom of the tube.)
3. Add dH₂O, stir well and leave from 4 hr to all day at RT.
4. Add tris buffer and place in a 50° C water bath for 10 min with stirring to dissolve. (It usually takes longer than this for me.)

optional:
5. Clear if necessary by centrifuging at 1500 g, 15 min.
6. Add Na-azide at .025% (~.005 M).
7. Add N-propyl-gallate to 1%

Elvanol (polyvinyl alcohol) grade 51-05  
E.I. DuPont de Nemours and Co., Inc.  
Industrial Chem. Dept.  
Wilmington, DE (sorry, no zip)

GelVatol (Gelutol)  
Monsanto  
Indian Orchard Plant  
Springfield, Mass, 01151