

## Step 1: Gather all necessary glassware.



You will need:

- Two round bottom or pear-shaped flasks
- One adapter
- One Keck clamp
- A dry ice/acetone bath
- One free nitrogen line
- One stir bar
- Substance being distilled  
(in this case, ethyl acrylate)

## Step 2: Connect the distillation apparatus.



Fill the round bottom flask with the liquid being distilled and include a stir bar.

Connect the flasks with the distillation connector.

The receiving flask (pear-shaped) should be clamped with a Keck clamp.

Connect a nitrogen line to the distillation connector.

Fill with nitrogen.

## Step 3: Distill!



Place the receiving flask in the dry ice/acetone bath and turn on the stir plate.

Slowly begin to evacuate the flask, opening and closing the vacuum line. (If necessary, gently heat the round bottom with a heat gun or heating mantle.) Be careful of bumping!



After a few seconds to minutes raise the distillation apparatus. The distillate should be condensed and ready for use after warming to RT!