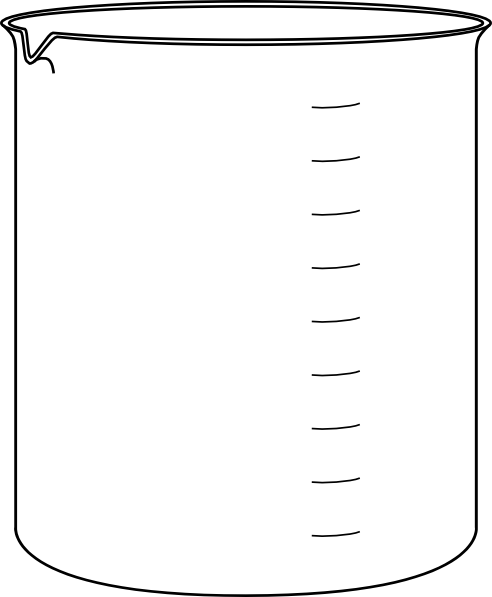
**Net Ionic Notes (video & class)**

Video link: <https://www.youtube.com/watch?v=sWXcDt8WKig>

What is a **suspension**?

Draw a diagram of a suspension & describe the interactions between the solute (thing being dissolved) and the solvent (water).



**Explanation**

**Why** is sand and water considered a heterogeneous mixture? Be sure to use the word insoluble in your description.

Barium is poisonous to humans. However, humans drink a barium sulfate solution before taking X-rays to determine if they have a tear in their esophagus, stomach or intestine, stomach bleeding, or a bowel obstruction. **Why is it safe to do this?** Use the example the video gives you if needed.