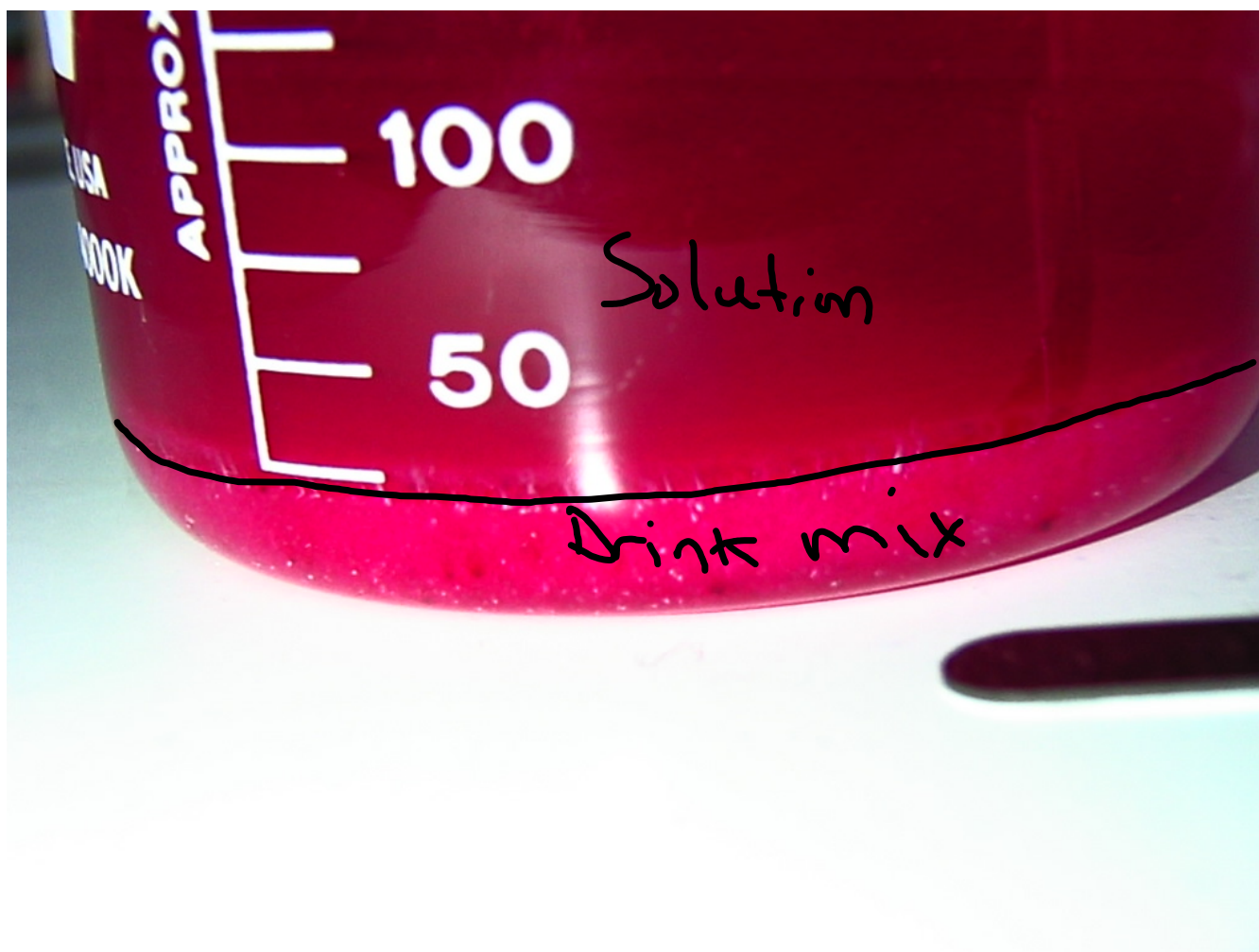
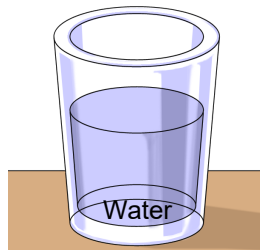


A drop of water of water evaporates into gas.

The particles are always moving, however, and some are always on the outside of the drop. These outside particles occasionally jump off into the air. Overtime, all the particles jump off. They still exist, but they are independent and free to move about as gas.



→ Why Do Some Materials NOT Dissolve?



Solvent



Solute

→ There is usually less solute than solvent in a solution (more solvent than solute.)

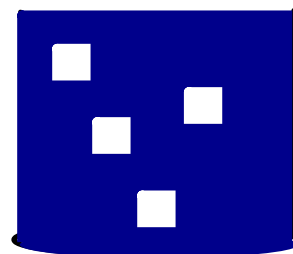
Solute - is the substance that dissolves in a solvent to form a solution (ex. the salt in water)

Solvent - is the substance that dissolves a solute to form a solution (Ex. usually water)

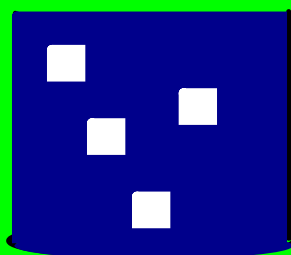


Water
Solvent

Sugar Cube
Solute



Sugar Water
Solution



Sugar Dissolves in Water

or

Sugar is Soluble in Water

Soluble - means able to be dissolved in a particular solvent

Insoluble - means not able to be dissolved in a particular solvent

Solubility

- The ability of a particular substance to dissolve.



[Separating Mixtures | Chemistry Matters - YouTube](#)

