

Vocabulary

Vocabulary

Study the vocabulary words and definitions below.

acid any of a group of compounds that produce positively charged hydrogen (H^+) ions when dissolved in water

base any of a group of compounds that produce negatively charged hydroxide (OH^-) ions when dissolved in water

concentration the amount of solute per unit of solution
Example: If a beaker of sugar water has half of its volume made of sugar, then it has a 50% concentration of sugar by volume.

dilute to decrease the amount of solute as compared to the amount of solvent in a solution
Example: To dilute sugar water, add water to the solution.

indicator a chemical that is one color when in the presence of acids and is a different color when in the presence of bases

ion a charged particle, atom, or molecule

Vocabulary

litmus paper a type of paper used to indicate the presence of acids or bases

neutralization the reaction between a base and an acid which produces water and a salt

neutral solution a solution that is neither an acid nor a base

phenolphthalein a liquid indicator used to show the presence of bases
(pronunciation: fee-nol'-thal-e-un)

salt any of a group of compounds distinguished by being formed from a metal and nonmetal that are ionically bonded
Examples include:
NaCl (sodium chloride, table salt);
MgCl (magnesium chloride, Epsom salt);
and NaF (sodium fluoride, the active ingredient in many toothpastes)