

Chemistry Terms Study Sheet 1

1. acid A substance that donates protons in a solution.
2. acid rain Precipitation that is more acidic than normal due to air pollution.
3. alloy A mixture of metals.
4. alpha particle A type of radiation consisting of two protons and two neutrons.
5. anode The electrode where oxidation occurs.
6. aqueous A solution where the solvent is water.
7. atom The smallest unit of an element.
8. base A substance that accepts protons in a solution.
9. battery A device that stores and provides electrical energy.
10. beta particle A type of radiation consisting of high-energy electrons.
11. biofuel Fuel derived from biological sources like plants.
12. biodegradable Capable of being broken down by natural processes.
13. boiling The process where a liquid changes into a gas.
14. buffer A solution that resists changes in pH.
15. catalyst Substance that speeds up a chemical reaction without being consumed.
16. cathode The electrode where reduction occurs.
17. chemical bond The force that holds atoms together in a molecule.
18. chemical reaction Process where substances are transformed into different substances.
19. chromatography A technique for separating mixtures based on differences in their movement through a medium.
20. colloid A mixture where very small particles of one substance are evenly distributed throughout another.
21. combustion A chemical reaction that involves the burning of a substance in oxygen.
22. compound A substance formed from two or more elements chemically united.