Chemistry

Which among the following alloys is used in making instruments for electrical measurements?

1. Stainless Steel B. Manganin C. Spiegeleisen D. Duralumin

Solubility of KNO3 , NaNO3 KNO3,NaNO3 and KBr increases with increases in temperature. While solubility of NaBr change slightly with temperature

KCl has large hydration energy than its lattice energy, so it evolves energy on dissolving in water. Consequently, with rise in temperature, its solubility increases.

Identify the Colligative Property among the followings

A. Boiling Point of a Solvent C. Freezing Point of a Solvent

B. Vapour Pressure of a Solvent

D. Osmotic Pressure of a Solution

1. air the homogeneous mixture of the different types of gases such as Carbon dioxide, Oxygen, Helium, Hydrogen, Nitrogen etc.
2. That's why it is an example of Gaseous solution.

**Brass:**:It is actually an alloy of Copper as well as Zinc.

**Amalgam:** It is actually an alloy of the Mercury and with some other metal maybe a solid or liquid at the room temperature. As it is an alloy, so it is considered as a solid solution in which the solvent must be a solid and solute must be a liquid.

If the rates of solubility and crystallization are the same, the solution is saturated, and dynamic equilibrium is reached.

The relative lowering of vapor pressure is equal to the mole fraction of solute in the solution. **Mole fraction is a dimensionless quantity**. So, the relative lowering of vapor pressure is a dimensionless quantity.

Thyroid hormones are integral in the regulation of many functions and aspects of the human body, such as temperature regulation, energy levels, weight, hair, nail growth and more.

Phosphoric(V) acid is used instead of concentrated sulfuric acid because sulfuric acid oxidizes iodide ions to iodine and produces hardly any hydrogen iodide.



