

Distinguish, differentiate, compare and explain what is the difference between Evaporation and Vaporization. Comparison and Differences.

Evaporation

Evaporation is the term used to define the change in phase of a liquid to gas. When this change in phase occurs below the boiling point it is categorized as evaporation.

Vaporization

Vaporization is the term used when a liquid changes its phase to gaseous phase. And evaporation is a type of vaporization.

Difference between Evaporation and Vaporization

S.No.	Evaporation	Vaporization
1	Evaporation is the process by which liquid changes to its vapors at a temperature below its boiling point.	Vaporization is the process by which liquid changes to its vapors at its boiling point.
2	Takes place at all temperatures.	Takes place at only fixed temperature i.e. its boiling point temperature.
3	Temperature may changes during evaporation.	Temperature during vaporization does not change.
4	It is a slow and silent process.	It is a fast and violent process.
5	Evaporation takes place only at surface of liquids.	Takes place over the entire mass of the liquid.