

## Mixture containing two or more gaseous liquid or solid substances

When two or more substances are mixed together such that they do not change chemically and retain all their properties, the result is said to be a mixture. We can say that substances mix up physically only and do not ...

**Distillation** Distillation is an effective method to separate mixtures comprised of two or more pure liquids. Distillation is a purification process where the components of a liquid mixture are vaporized and then condensed and ...

**Liquid**, in physics, one of the three principal states of matter, intermediate between gas and crystalline solid. The most obvious physical properties of a liquid are its retention of volume and its conformation to the ...

**Vapour pressure** is the force exerted by a liquid's (or solid's) vapour above the surface of the liquid. At a particular temperature and thermodynamic equilibrium, this pressure is formed in a closed container. The rate of liquid ...

**Separation by Distillation** Separation of Mixtures of Two or More liquids Separation by Fractional Distillation Chapter 3: Atoms and Molecules Chapter 3 in the Class 9 Chemistry syllabus is Atoms and Molecules. Atom is ...

**Suspensions: Classifications, Preparation of suspensions, Additives** Mixtures containing diffusible solids Diffusible solids are those substances that do not dissolve in water, but on shaking they can be mixed with it and remain ...

An example of a solid solution is an alloy, like bronze, where copper and tin are physically mixed but not chemically combined. Similarly, in a liquid solution, like sugar dissolved in water, the ...

Most materials in our surroundings are mixtures of two or more components. Mixtures are either homogeneous or heterogeneous. Homogeneous mixtures are uniform in composition, but ...

**Fractional Distillation** is a technique used in the separation of miscible liquids. The process requires repeated distillations and condensations of the mixture. The separation of the mixture happens when the mixture is ...

**Liquid-Solid Solutions** Perhaps the most familiar liquid-solid solution is dental amalgam, used to fill teeth when there is a cavity. Approximately 50% of the amalgam material is liquid mercury to which a powdered alloy of silver, tin ...

**Crystallization** is a technique for purification of the substances. It is a technique that separates a solid from its

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solution. The process in which the solid dissolve in the liquid arranges itself in well-defined 3-D structures called the ...

a) Liquid-Solvent Absorption o In this process, the polluted air containing gaseous pollutants is passed through a scrubber carrying a suitable liquid absorbent, which absorbs the harmful ...



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