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in chemistry a solute is the substance dissolved in a solvent or the part of a chemical solution present in the smaller amount mixing a solute and a solvent resulting in dissolving the solute which is also known as solvation concentration describes the amount of solute in a solvent or solution characteristics a solution is a homogeneous mixture of two or more substances the particles of solute in a solution cannot be seen by the naked eye by contrast particles may be visible in a suspension a solution does not cause beams of light to scatter the solvent is the material that usually decides the solution's physical state solid liquid or gas the solute is the product that the solvent dissolves a solution of salt and water for example has water as the solvent and salt as the solute a solution is a homogeneous mixture of a solute in a solvent a solute is the material present in the smaller amount in the solution a solvent is the material present in the larger amount in the solution a solute is a chemical that present in a lesser amount relative to the solvent and must be uniformly distributed throughout the solution based on these definitions only a single chemical can be classified as a solvent in a particular solution a substance that is dissolved in a solution is called a solute in fluid solutions the amount of solvent present is greater than the amount of solute one best example of solute in our day to day activity is salt and water salt dissolves in water and therefore salt is the solute a solute is defined as the substance that is dissolved in a solution for solutions of fluids the solvent is present in greater amount than the solute concentration is a measurement of the amount of solute present in a chemical solution with respect to the amount of solvent salt dissolved in water is a solution the major component of a solution called the solvent is typically the same phase as the solution itself each minor component of a solution and there may be more than one is called the solute a solution is a homogeneous mixture of one or more solutes dissolved in a solvent note that the solvent is the substance that is present in the greatest amount many different kinds of solutions exist for example a solute can be a gas a liquid or a solid solvents can also be gases liquids or solids a solute is a substance that can be dissolved by a solvent to create a solution a solute can come in many forms it can be gas liquid or solid the solvent or substance that dissolves the solute breaks the solute apart and distributes the solute molecules equally what is a solute solvent vs solute with examples solute and solvent are words that often go together in chemistry when they are mixed they make a solution learn about how to identify the solute and the solvent properties of each and real world examples of solvents and solutes a solution is a homogeneous mixture of a solute in a solvent a solute is the material present in the smaller amount in the solution a solvent is the material present in the larger amount in the solution practice use the link below to answer the following questions chem memphis edu bridson fundchem t13a1100 htm a solution is a homogeneous mixture of two or more substances a solution may exist in any phase a solution consists of a solute and a solvent the solute is the substance that is dissolved in the solvent the amount of solute that can be dissolved in a solvent is called its solubility in chemistry the solution is a mixture of one or two substances not just any mixture is a solution solutions must be a homogenous mixture homogenous means that it has a uniform in chemistry a solution is defined as a type of homogeneous mixture consisting of two or more substances in which one substance the solute is dissolved in another the solvent because the mixture is homogeneous a sample of a solution has the same appearance and concentration as any other sample solute solvent definition a solute is a substance that dissolves with solvent to form a solution the solvent is a substance in which solute dissolves during the formation of the solution the solvent is usually a liquid phase a solute is the dispersed phase of the solution solutions when viewed at the molecular level have the solute particles evenly and randomly dispersed in the solvent also because the solute and solvent are in contact with each other there must be some kind of molecular interaction between the two types of molecules solution in chemistry a homogenous mixture of two or more substances in relative amounts that can be varied continuously up to what is called the limit of

solubility the term solution is commonly applied to the liquid state of matter but solutions of gases and solids are possible a solution is a homogeneous mixture of solvent and solute molecules a solvent is a substance that dissolves another substance by pulling the molecules apart through electrochemical interactions the solute then diffuses through the solvent until the concentration is equal in all parts of the solution a solution can be liquid solid or gaseous a solute is a substance that a solvent can dissolve to create a solution further a the solution can come in many ways it can be either oil water or heavy moreover the water the material that dissolves the liquid splits apart the solvent and evenly distributes the solvent molecules

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the solvent is the material that usually decides the solution s physical state solid liquid or gas the solute is the product that the solvent dissolves a solution of salt and water for example has water as the solvent and salt as the solute

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salt dissolved in water is a solution the major component of a solution called the solvent is typically the same phase as the solution itself each minor component of a solution and there may be more
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than one is called the solute

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a solution is a homogeneous mixture of one or more solutes dissolved in a solvent note that the solvent is the substance that is present in the greatest amount many different kinds of solutions exist for example a solute can be a gas a liquid or a solid solvents can also be gases liquids or solids

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a solute is a substance that can be dissolved by a solvent to create a solution a solute can come in many forms it can be gas liquid or solid the solvent or substance that dissolves the solute breaks the solute apart and distributes the solute molecules equally

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in chemistry the solution is a mixture of one or two substances not just any mixture is a solution solutions must be a homogenous mixture homogenous means that it has a uniform

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