

Saturated Solution Definition

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Saturated Solution Definition

A saturated solution is a chemical solution containing the maximum concentration of a solute dissolved in the solvent. The additional solute will not dissolve in a saturated solution. The amount of solute that can be dissolved in a solvent to form a saturated solution depends on a variety of factors.

Saturated Solution Definition and Examples

A saturated solution is a solution in which there is so much solute that if there was any more, it would not dissolve. When a saturated solution is placed in contact with additional solute, solute neither dissolves nor is deposited. When water, or any solvent, has dissolved as much of any substance as it can, it is a saturated solution.

Saturated solution definition and meaning | Collins ...

DEF is a saturated solution, meaning that at locations where water vapor does escape the closed system, precipitation and crystallization of the urea compound" is likely to occur.

Saturated solution - definition of saturated solution by ...

saturated solution one in which the solvent has taken up all of the dissolved substance that it can hold in solution. sclerosing solution one containing an irritant substance (sclerosing agent) that will cause obliteration of a space, as in sclerotherapy.

Saturated solution | definition of saturated solution by ...

saturated solution definition: a solution (= a liquid containing a solid) in which as much solid as possible is dissolved. Learn more.

SATURATED SOLUTION | meaning in the Cambridge English ...

A saturated solution is a solution in which there is so much solute that if there was any more, it would not dissolve. When a saturated solution is placed in contact with additional solute, solute neither dissolves nor is deposited. When water, or any solvent, has dissolved as much of any substance as it can, it is a saturated solution.

Saturated solution definition and meaning | Collins ...

Saturated Solution. a solution in stable equilibrium with an excess of the solute under given conditions (temperature and pressure). Examples are an aqueous solution of a salt in which crystals of the salt are present and a solution of a gas in water through which the same gas is being passed.

Saturated Solution | Article about Saturated Solution by ...

A saturated solution is one where there are equal numbers of particles, or solutes, and solvent in the solution. The characteristics of a solvent are that it can be a liquid, a solid, or a gas;...

Where To Download Saturated Solution Definition

Saturated Solution: Definition & Examples - Video & Lesson ...

The term saturated solution is used in chemistry to define a solution in which no more solute can be dissolved in the solvent. It is understood that saturation of the solution has been achieved when any additional substance that is added results in a solid precipitate or is let off as a gas.

Examples of Saturated Solution - YourDictionary

A solution in which the maximum amount of solvent has been dissolved. Any more solute added will sit as crystals on the bottom of the container.

saturated solution definition - Northwestern University

The extent of the solubility of a substance in a specific solvent is measured as the saturation concentration, where adding more solute does not increase the concentration of the solution and begins to precipitate the excess amount of solute. Insolubility is the inability to dissolve in a solid, liquid or gaseous solvent.

Solubility - Wikipedia

In chemistry, an unsaturated solution consists of solute completely dissolved in solute. If no additional solute can dissolve in a solution, that solution is said to be saturated. Solubility depends on temperature. Raising the temperature of a solution may even turn a saturated solution into an unsaturated one.

What Is an Unsaturated Solution in Chemistry?

A saturated solution is a solution that contains the maximum amount of solute that is capable of being dissolved. At 20°C, the maximum amount of NaCl that will dissolve in 100. g of water is 36.0 g. If any more NaCl is added past that point, it will not dissolve because the solution is saturated.

Saturated and Unsaturated Solutions | Chemistry for Non-Majors

Examples of saturated solution in a sentence, how to use it. 26 examples: The uranium solution was a twofold dilution of a saturated solution. - The... Cambridge Dictionary +Plus

saturated solution in a sentence | Sentence examples by ...

Saturated steam Dew point, which is a temperature that occurs when atmospheric relative humidity reaches 100% and the air is saturated with moisture Saturated absorption, a set-up that enables the precise determination of the transition frequency of an atom between its ground state and an optically excited state Electronics [edit]

Saturation - Wikipedia

A saturated solution is a solution that contains the maximum amount of solute that can be dissolved under the condition at which the solution exists. In chemistry, after studying solutions and properties of the solution, one can understand that a solution can reach a status of saturation.

What is a Saturated Solution - Preparation, Types & Examples

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saturated solution Flashcards | Quizlet

Define saturated. saturated synonyms, saturated pronunciation, saturated translation, English dictionary definition of saturated. adj. 1. Unable to hold or contain more; full. 2. Soaked with moisture; drenched. 3. Chemistry a. ... "a saturated solution" concentrated. unsaturated - not saturated; capable of dissolving more of a substance at a ...

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