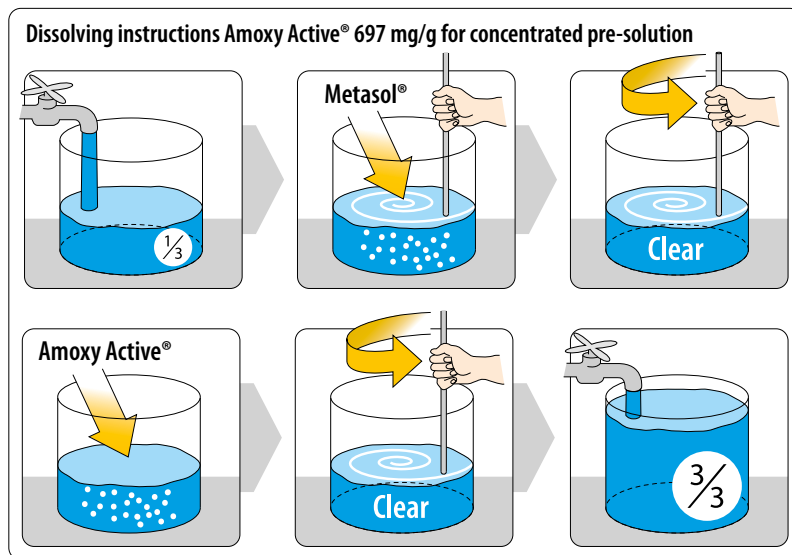


Solubility of Amoxy Active® 697 mg/ml in drinking water

Amoxy Active® 697 mg/g

Higher concentrated products such as Amoxy Active® 697 mg/g contain less excipients and the use of a product to condition the water before Amoxy Active® 697 mg/g is dissolved in a pre-solution is recommended. In practice it is best to use an alkaline conditioner to increase the pH of the solution. Metasol can be used; it does not only increase the pH but also decreases the hardness of the water.

To dissolve 100g Amoxy Active® 697 mg/g, 20g of Metasol are needed.



The use of very hot water (>40 °C) to increase the solubility of amoxicillin is not recommended. Amoxicillin is not thermo stable and the use of hot water will catalyse the degradation of amoxicillin in a solution.

One of the properties of amoxicillin is the rapid degradation in a solution. The rate at which this process occurs is dependent on the pH and hardness of the water used and the temperature of the solution. It is preferred to use soft water and the pre-solution (with a high pH) should be diluted as quickly as possible.