

# Solubility of Flordofen® 100 mg/ml

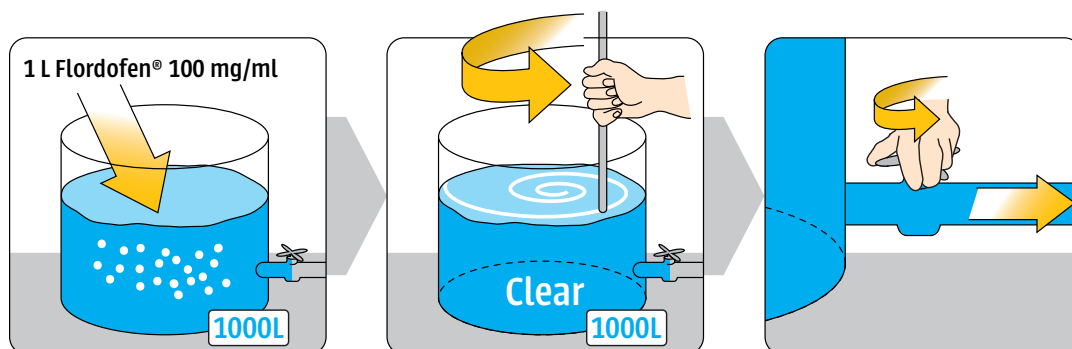
Florfenicol, the active ingredient in Flordofen® 100 mg/ml, has a poor solubility in water. A maximum of 120 ml Flordofen® 100 mg/ml (1.2 gram of florfenicol) can be dissolved in 10 litres of drinking water without any water conditioners.

The use of higher concentrations can result in precipitation of the product and subsequently in blockage of the water lines.

The advised dosage of florfenicol is 10 mg/kg bodyweight (Plumb's Veterinary Drug Handbook, 7<sup>th</sup> edition). The advice below is based upon a drinking water intake of 1 litre of water per 10 kg of bodyweight.

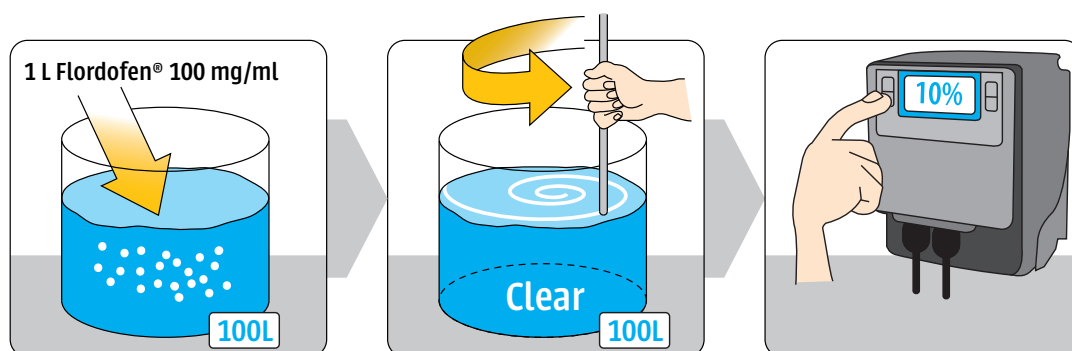
## Bulk tank

When a bulk tank is being used, 1 litre of Flordofen® 100 mg/ml can be dissolved in 1000 litres of drinking water. This solution should be stirred thoroughly before administration to the animals.



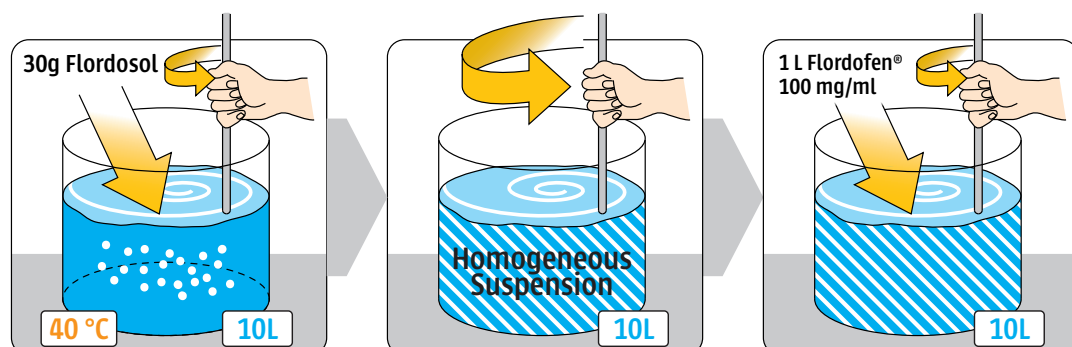
## Dosing equipment 10%

A pre-solution can be made by dissolving 1 litre of Flordofen® 100 mg/ml in 100 litres of drinking water. To treat the animals with the correct dosage, the dosing equipment should be set at 10%.



## Dosing equipment 1%

In order to be able to dissolve Flordofen® 100 mg/ml in a smaller amount of pre-solution, Flordosol can be used as water conditioner. This product increases the viscosity of the solution, preventing precipitation of florfenicol. Flordosol should be used as follows.



**Important: Continuous stirring is necessary when adding Flordosol and Flordofen® 100 mg/ml to the drinking water.**