

THE PREPARATION OF A SOLUTION OF ZINC SULPHATE

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For a more detailed description of the process, see the accompanying text.

PREPARATION OF A SOLUTION

Take 100 parts of water. The solution should be colourless.

PREPARATION OF A SOLUTION

Take one part of sulphuric acid with two parts of water and mix them together in a glass jar.

PREPARATION OF A SOLUTION

If sulphuric acid gas is passed into a solution of strong ammonia until fully saturated, that is, until the liquid ceases to give a precipitate with salt of copper, the resulting formula is NH_4HS hydrosulphide of ammonium. It is not with the same quantity of ammonia as first employed it becomes zinc sulphate (NH_4HS). Either solution may be used. After a time the NH_4HS becomes colourless, and is then of no use.