MAKING SILVER MIRRORS WITH CHEMISTRY

Glass surfaces can be given a coating of silver with a particular chemical reaction. Here we look at how this reaction works!



and an alkaline solution (commonly a hydroxide). It is a colourless solution of a diamminesilver(I) complex. Due to the risk of explosive silver nitride forming, it must be used shortly after preparation and then disposed of safely.



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Basic conditions are used because dextrose is more easily oxidised under these conditions.

