

- (c) Ethanol is flammable. Suggest a way in which the risk of a fire could be reduced, explaining why the method would work.

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(2)

- (d) It is not possible to obtain pure ethanol in this distillation. How would you show that there is a small amount of water in the distillate?

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(2)

4.



The picture above shows one of the many lime kilns to be found on the North Devon coast. In these kilns limestone (calcium carbonate) is heated to very high temperatures to produce lime.