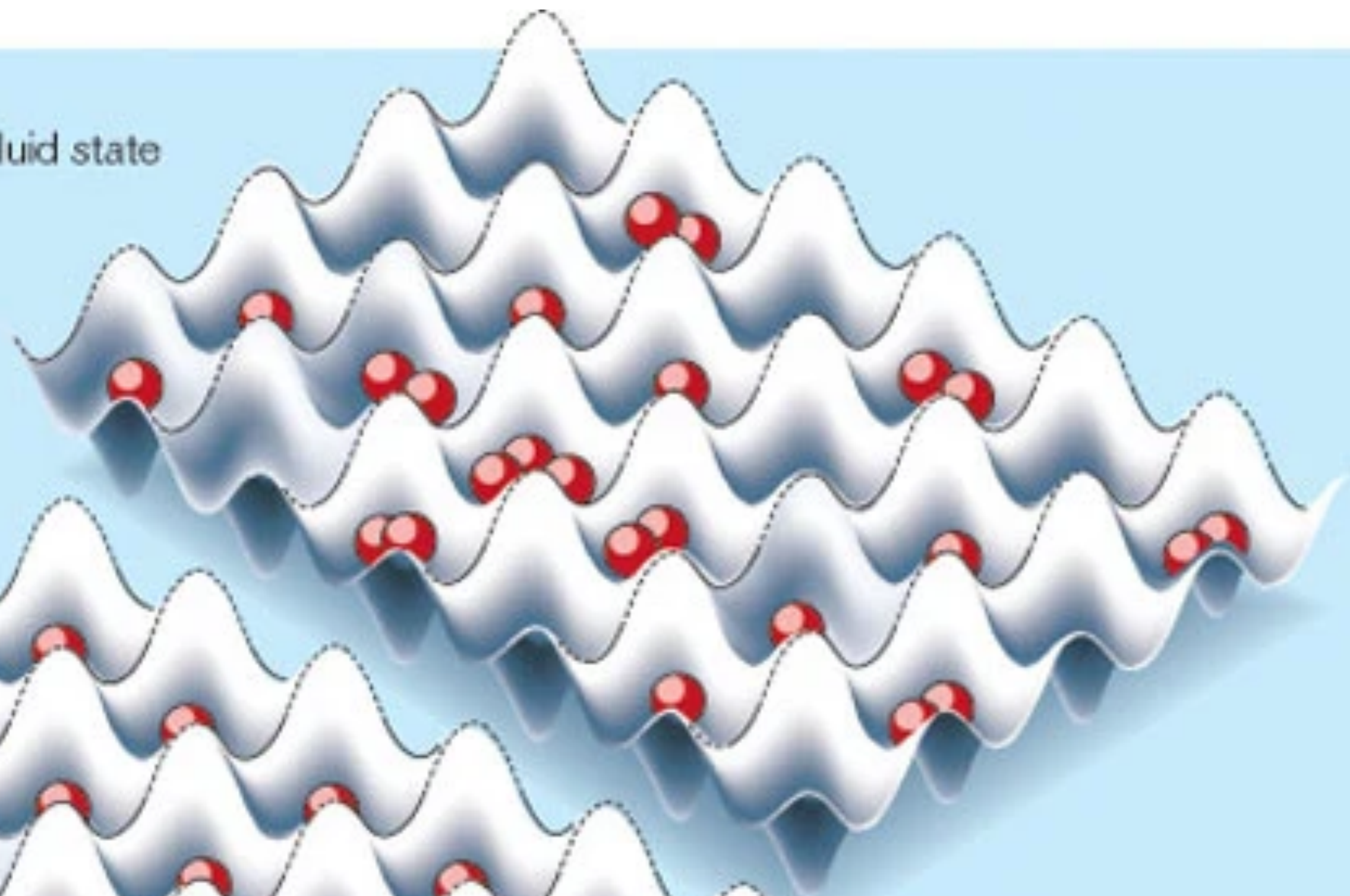


**a** Superfluid state



**b** Insulating state

