Class XI, CALORIMETRY (Change of State)

Thursday, December 2, 2021

8:02 PM

The heat required during a change of state is directly proportional to the mass of the substance undergoing a change of state.

by Eq ()
$$L = \frac{Q}{m} - \frac{Q}{2}$$

if $m = 1 \text{ kg}$, $L = Q$
Latent heat of Fusion:

"The latent heat of fusion of a substance is the amount of heat given (or taken out) to convert unit mass of a substance from solid state to liquid state (or from liquid state to solid state) at its melting point".