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## Solutions, acids, and bases

$\begin{array}{llllllllllllllllllllllll}\mathrm{N} & \mathrm{O} & \mathrm{I} & \mathrm{T} & \mathrm{U} & \mathrm{L} & \mathrm{O} & \mathrm{S} & \mathrm{D} & \mathrm{E} & \mathrm{T} & \mathrm{A} & \mathrm{R} & \mathrm{U} & \mathrm{T} & \mathrm{A} & \mathrm{S} & \mathrm{R} & \mathrm{E} & \mathrm{P} & \mathrm{U} & \mathrm{S} & \mathrm{U} & \mathrm{W}\end{array}$
 $\begin{array}{lllllllllllllllllllllllll}\mathrm{U} & \mathrm{N} & \mathrm{S} & \mathrm{A} & \mathrm{T} & \mathrm{U} & \mathrm{R} & \mathrm{A} & \mathrm{T} & \mathrm{E} & \mathrm{D} & \mathrm{S} & \mathrm{O} & \mathrm{L} & \mathrm{U} & \mathrm{T} & \mathrm{I} & \mathrm{O} & \mathrm{N} & \mathrm{I} & \mathrm{F} & \mathrm{Y} & \mathrm{Q} & \mathrm{L}\end{array}$







 $\begin{array}{lllllllllllllllllllllllll}T & R & B & C & N & U & E & N & B & N & R & D & Y & J & Q & G & R & W & T & K & O & W & I & S\end{array}$
 $\begin{array}{llllllllllllllllllllllll}\mathrm{D} & \mathrm{V} & \mathrm{L} & \mathrm{N} & \mathrm{H} & \mathrm{Y} & \mathrm{E} & \mathrm{H} & \mathrm{U} & \mathrm{M} & \mathrm{O} & \mathrm{O} & \mathrm{N} & \mathrm{P} & \mathrm{T} & \mathrm{O} & \mathrm{O} & \mathrm{P} & \mathrm{L} & \mathrm{E} & \mathrm{D} & \mathrm{R} & \mathrm{S} & \mathrm{L}\end{array}$ $\begin{array}{llllllllllllllllllllllll}\mathrm{S} & \mathrm{I} & \mathrm{O} & \mathrm{C} & \mathrm{G} & \mathrm{T} & \mathrm{R} & \mathrm{O} & \mathrm{O} & \mathrm{I} & \mathrm{V} & \mathrm{M} & \mathrm{L} & \mathrm{E} & \mathrm{E} & \mathrm{M} & \mathrm{A} & \mathrm{R} & \mathrm{I} & \mathrm{U} & \mathrm{S} & \mathrm{S} & \mathrm{O} & \mathrm{U}\end{array}$


 $\begin{array}{llllllllllllllllllllllll}T & \mathrm{Q} & \mathrm{E} & \mathrm{R} & \mathrm{A} & \mathrm{B} & \mathrm{N} & \mathrm{E} & \mathrm{W} & \mathrm{R} & \mathrm{N} & \mathrm{D} & \mathrm{D} & \mathrm{K} & \mathrm{V} & \text { X } & \text { O } & \text { C } & \mathrm{B} & \mathrm{L} & \mathrm{C} & \mathrm{U} & \mathrm{L} & \mathrm{W}\end{array}$


 $\begin{array}{lllllllllllllllllllllllll}\mathrm{N} & \mathrm{U} & \mathrm{V} & \mathrm{O} & \mathrm{E} & \mathrm{S} & \mathrm{S} & \mathrm{S} & \mathrm{Q} & \mathrm{P} & \mathrm{C} & \mathrm{S} & \mathrm{B} & \mathrm{E} & \mathrm{X} & \mathrm{E} & \mathrm{N} & \mathrm{L} & \mathrm{Z} & \mathrm{F} & \mathrm{V} & \mathrm{Z} & \mathrm{S} & \mathrm{E}\end{array}$


| supersaturated solution | unsaturated solution | acids in solutions | high concentration |
| :--- | :--- | :--- | :--- |
| rate of solubility | saturated solution | universal solvent | solubility curve |
| freezing point | concentration | heterogeneous | common acids |
| common bases | solubility | homogenous | insoluble |
| mixtures | neutral | solvent | solute |
| dilute | bases | acids | rate |

