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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Solubility Crossword

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|  |  |  |  |  |  |  |  |  |  |  L |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  | 4S |  U |  P |  E |  R |  S |  A |  T |  U |  R |  A |  T |  E |  D |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | 5O |  |  |  |  |  | 6I |  M |  M |  I |  S |  I |  C |  B |  L |  E |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  M |  |  |  | 7C | 8O |  N | 9C |  E |  N |  T |  R |  A |  T |  I |  O |  N |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  O |  |  |  |  |  S |  |  O |  |  |  |  |  |  |  |  G |  |  |  | 10M |  |  |  |  |  |  |  |  |  |
|  |  T |  |  |  |  |  M |  |  L |  |  |  |  |  | 11A |  |  E |  |  |  |  I |  |  |  |  |  |  |  |  |  |
|  |  I |  |  |  |  |  O |  |  L |  | 12H |  O |  M |  O |  G |  E |  N |  E |  O |  U |  S |  | 13M |  |  | 14S |  |  |  |  |
|  |  C |  |  | 15C |  |  S |  |  A |  |  |  |  |  |  I |  |  E |  |  |  |  C |  |  I |  |  |  O |  |  |  |  |
|  |  P |  |  |  O |  |  I |  |  G |  | 16S |  O |  L |  U |  T |  I |  O |  N |  S |  |  I |  |  X |  |  |  L |  |  |  |  |
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| --- | --- |
| **Across****2.** substances that dont dissolve in a solvent**4.** over max solute at given temprature **6.** two substances that can be mixed and seperated **7.** how much solute is in the solvent**12.** mixture with constant concentration throughout**16.** another name for homogeneous mixtures**17.** the number of moles of solute dissolved per kilogram of solution**18.** law that states at a given temprature, solubility of a gas is proportional with pressure**21.** type of motion that is the irratic movment of colloids**22.** effect that is when scattered colloid particles produce light**23.** less than max solute**24.** mixture containing particles that settle out**25.** the overall energy change in the solution process | **Down****1.** surrounding solute particles with solvent particles**3.** mixture that does not blend smoothly**5.** pressure added by the newly introduced solvent in osmosis**8.** diffusion of a solvent through a semi-permiable membrane**9.** physical properties of a solution that has to do with the number of particles **10.** two liquids that are soluble in each other**11.** stirring or mixing**13.** combination of two or more pure substances **14.** a substance that can be dissolved is**15.** Heterogeneous mixture of intermediate sixed particles**19.** the number of moles of solute dissolved per liter of solution**20.** max solute |