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

Solubility Crossword

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|  |  |  |  | 4  S | U | P | E | R | S | A | T | U | R | A | T | E | D |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | 5  O |  |  |  |  |  | 6  I | M | M | I | S | I | C | B | L | E |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | S |  |  |  |  |  |  |  |  | O |  |  |  |  |  | R |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | M |  |  |  | 7  C | 8  O | N | 9  C | E | N | T | R | A | T | I | O | N |  |  |  |  |  |  |  |  |  |  |  |  |
|  | O |  |  |  |  | S |  | O |  |  |  |  |  |  |  | G |  |  |  | 10  M |  |  |  |  |  |  |  |  |  |
|  | T |  |  |  |  | M |  | L |  |  |  |  |  | 11  A |  | E |  |  |  | I |  |  |  |  |  |  |  |  |  |
|  | I |  |  |  |  | O |  | L |  | 12  H | O | M | O | G | E | N | E | O | U | S |  | 13  M |  |  | 14  S |  |  |  |  |
|  | C |  |  | 15  C |  | S |  | A |  |  |  |  |  | I |  | E |  |  |  | C |  | I |  |  | O |  |  |  |  |
|  | P |  |  | O |  | I |  | G |  | 16  S | O | L | U | T | I | O | N | S |  | I |  | X |  |  | L |  |  |  |  |
|  | R |  |  | L |  | S |  | I |  |  |  |  |  | A |  | U |  |  |  | B |  | T |  |  | U |  |  |  |  |
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|  | S |  | 17  M | O | L | A | L | I | T | Y |  |  |  | I |  |  |  |  | 18  H | E | N | R | Y | S | L | A | W |  |  |
|  | S |  |  | I |  |  |  | V |  |  |  | 19  M |  | O |  | 20  S |  |  |  |  |  | E |  |  | E |  |  |  |  |
|  | U |  |  | D |  |  |  | E |  | 21  B | R | O | W | N | I | A | N |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | E |  |  |  |  |  |  | 22  T | Y | N | D | A | L |  |  | 23  U | N | S | A | T | U | R | A | T | E | D |  |  |  |
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|  |  |  |  |  | 24  S | U | S | P | E | N | S | I | O | N |  | A |  |  |  |  |  |  |  |  |  |  |  |  |  |
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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 |