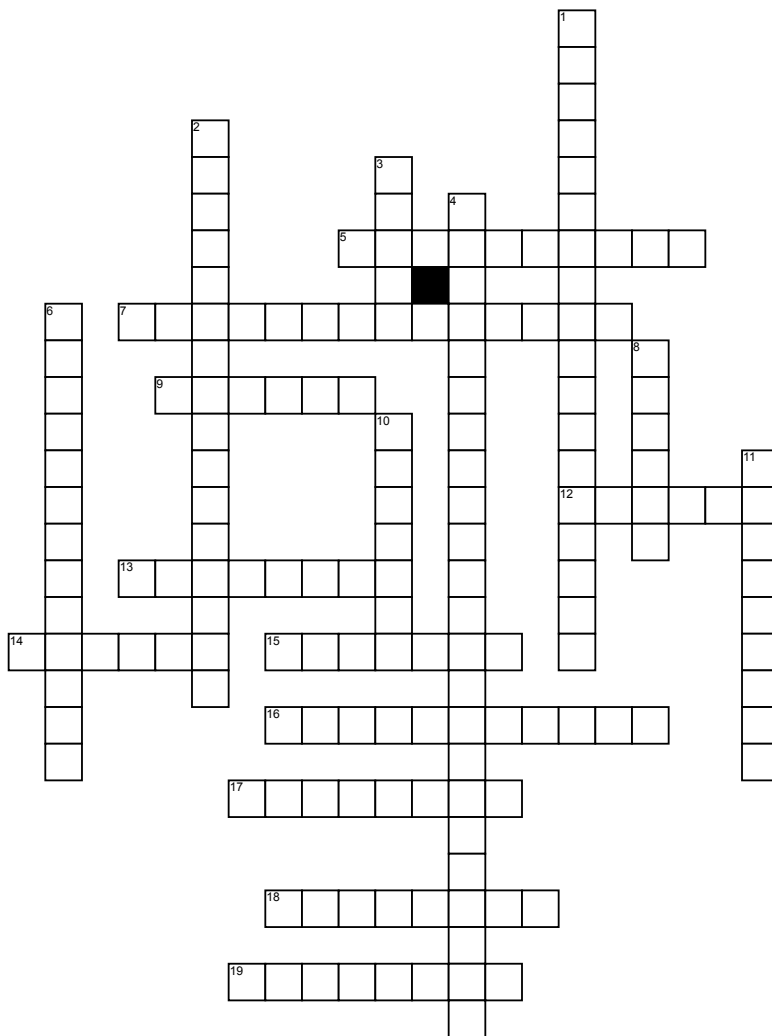


# Cosmetology Chemistry



**Across**

- 5. Oil-loving
- 7. I release oxygen
- 9. pH below 7
- 12. an ion with a positive electrical charge
- 13. mutually soluble, mixed together
- 14. Solids, Liquids, and Gas are all states of \_\_\_\_\_
- 15. Positive charge

- 16. substances that allow oil and water to mix
- 17. mixture of two or more substances in a solvent
- 18. Negative charge
- 19. pH above 7

**Down**

- 1. Also known as "redox"
- 2. I contain the element carbon

- 3. an ion with a negative electrical charge
- 4. "VOC", contain carbon and evaporate very easily
- 6. Chemical combination of matter in definite proportions
- 8. Dissolved substance in a solution
- 10. Simplest form of chemical matter
- 11. Water is the \_\_\_\_\_ solvent

**Word Bank**

- |                   |                           |          |                 |
|-------------------|---------------------------|----------|-----------------|
| Organic chemistry | Oxidation-reduction       | anion    | Oxidizing agent |
| Pure substance    | matter                    | acidic   | protons         |
| Surfactants       | cation                    | neutrons | alkaline        |
| solute            | Volatile organic compound | Miscible | universal       |
| lipophilic        | element                   | solution |                 |