

Name _____

Pressure's Magical Effects on Matter: The Mystery of the Critical Point

Short Answer

1. Explain how pressure can cause a substance to change its phase.
2. What is the critical point, and how does it differ from traditional phase boundaries?
3. Describe one practical application of the critical point in the food or pharmaceutical industry.
4. How does increased pressure affect gases in scuba diving, and what risks can it pose to divers?
5. Provide an example from everyday life where pressure-related phase changes occur.

