

CHEMISTRY WORKSHEET

Class :- IX

Chapter :- Is Matter Around Us Pure ?

1. Which separation method is used to separate the components of a mixture of common salt and ammonium chloride ?
2. How can we make a saturated solution unsaturated ?
3. Which separation method is used to separate the components of a mixture of butter and curd ?
4. Why is petrol considered a mixture ?
5. Eating a chocolate and its digestion involve a physical change and a chemical change. Identify the changes, giving reasons.
6. When naphthalene balls are kept inside cotton and woollen clothes in an ~~Admiral~~, the naphthalene balls disappear slowly. Is it a physical change or chemical change ?
7. It is not possible to distinguish particles of a solute from that of the solvent in a solution. Explain ?
8. How would you confirm that a colourless liquid given to you is pure water ?
9. Silver carbonate (Ag_2CO_3) is a white powder. When heated in a dry test tube, it forms solid grey silver and colourless gases, namely, carbon dioxide and oxygen. What conclusions can you draw regarding these four substances: silver - carbonate, silver, carbon dioxide, oxygen ?