

CHAPTER OVERVIEW

14: Solutions

Solutions play a very important role in many biological, laboratory, and industrial applications of chemistry. Of particular importance are solutions involving substances dissolved in water, or aqueous solutions. Quantitative measurements of solutions are another key component of this unit. Solutions can involve all physical states – gases dissolved in gases (the air around us), solids dissolved in solids (metal alloys), liquids dissolved in solids (amalgams – liquid mercury dissolved in another metal such as silver, tin or copper). This chapter will almost exclusively be concerned with aqueous solutions – substances dissolved in water.

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Thumbnail Chapter 14: Colored solutions in round bottom flasks. (Raghav Bhasin via Unsplash)

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