

Concentration of Consumer Products

Recording Chart

Goal • Record concentration data from Find Out Activity 8-2C, Concentration of Consumer Products

What to Do

1. In your home, look for five products that show their concentration on the label. The chart below shows some ways to recognize how concentration may be expressed on a label.

Unit of Concentration	What It Tells about the Solution
g/L	tells how many grams of solute per litre of solution
ppm (parts per million)	tells the ratio, 1:1 000 000, of the mass of solute in the mass of solution
%	tells the percentage of solute in the solution by volume (in other words, the volume of the solute divided by the total volume of the solution)
%	tells the percentage of solute in the solution by mass (in other words, the mass of solute divided by the total mass of the solution)

Name of Product	Solute	Solvent	Concentration

What Did You Find Out?

1. In the products you listed, what is the most common solvent?

2. Why do you think the manufacturer provided concentration information on the label?
