

Did you know?

What is a dilution?

Dilution of a concentrated cleaning product refers to mixing the concentrated cleaning product with water to make it less concentrated and ready for use.

Concentrated cleaning products are generally designed to be more powerful and more economical than their ready-to-use counterparts. Dilution extends the shelf life of the product and reduces packaging and transportation costs, which is more environmentally friendly.

Dilution of a concentrated cleaning product should be done according to the manufacturer's instructions, as these instructions generally indicate the proportion of concentrated product to mix with water to achieve the desired concentration.

Generally, you will find specific instructions on the product packaging on the recommended dilution, often expressed as a ratio, such as 1:10, which means mixing one part of concentrated product with ten parts of water. So to make 1L of product ready for use we must use 100 ml of product for 900 ml of water. $(1000\text{ml} / 10) = 100\text{ml}$.

This may vary depending on the type of cleaner and specific application.

Correct dilution is important to ensure product effectiveness while avoiding unnecessary waste of resources. If you do not follow the manufacturer's dilution instructions, the product may be too concentrated, which can make it less effective and potentially dangerous, or too diluted, which will make it ineffective for cleaning. It is also important to consider safety precautions when handling concentrated products, as they may be more potent and require proper dilution for safe use.



To do a dilution calculation:

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