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Limiting Reactant

A **limiting reactant** in a chemical reaction is the substance that is used up first and limits the amount of product that can form. The other reactant, called the **excess reactant**, is left over.

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Example: Limiting Reactant How many peanut butter sandwiches could be made from 8 slices of bread and 1 tablespoon of peanut butter? With 1 tablespoon of peanut butter, only 1 sandwich could be made. The peanut butter is the limiting item.



