

# conservation of mass *(con-ser-va-tion-of-mass)*

## Definition

n. A principle stating that mass cannot be created or destroyed in a closed system through ordinary chemical or physical means.

## Example Sentence

The **conservation of mass** is a fundamental concept in chemistry, ensuring that the mass of reactants equals the mass of products in a chemical reaction.

## More Example Sentences

Understanding the **conservation of mass** helps in balancing chemical equations accurately.

## Synonyms

mass conservation; mass balance; law of mass conservation

## Antonyms

mass creation; mass destruction; non-conservation

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