

How do fires occur?

Fires arise in the presence of oxygen, heat, and a flammable substance in an appropriate proportion.

A fire can be stopped by removing one of these components.

combustion triangle



There are following options for extinguishing fires:

- Extraction of heat (cool with water)
- Extraction of oxygen (e.g., CO₂)
- Prevention of the chemical reaction (e.g., powder extinguishers)