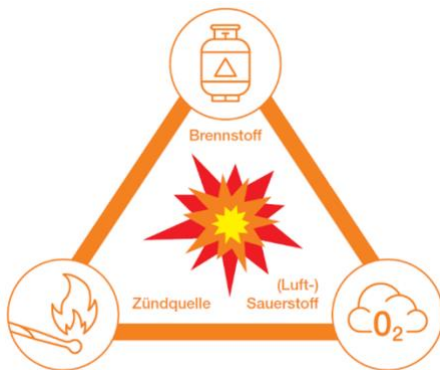


Exciting experiences



Explosions can be impressive - but they can have devastating consequences. How can we prevent them with suitable, simple protective measures? A new video series shows in an impressive and instructive way that it is important to understand interrelationships.



Gases as well as liquids, dusts and aerosols can pose an explosion hazard if they are flammable. If these substances are mixed with air in a certain ratio and an ignition source is added, this leads to an explosion. The hazard triangle is a good illustration of this. It needs fuel, air and an ignition source. If one of these factors is eliminated, there is no longer a risk of explosion.

How this can be put into practice at work, at home or in leisure time is shown in 17 learning videos. The videos are thematically designed so that viewers can build up their knowledge step by step.

At the beginning, the experimental set-ups are explained using everyday examples. Then the live experiments are carried out. Sometimes the explosion comes slowly, sometimes invisibly, sometimes quickly and loudly. Afterwards, the findings from the experiment are derived, followed by safety tips and possible protective measures to prevent an explosion event.

The videos deal with individual topics of explosion protection and are self-contained. The new videos are intended to address the general public and convey explosion protection knowledge, because even basic explosion knowledge helps to determine suitable protective measures. These are often easy to implement. This [news article](#) also provides a brief insight into the subject.

Direct links to the learning videos (available only in German, French and Italian. The links lead to the German version).

> [on flammable gases](#)

> [on flammable liquids](#)

> [on dusts and aerosols](#)