

Important notice regarding the use of oxygen

Oxygen is representing a percentage of 21% in air. This oxygen is a vital necessity.

Oxygen is required for each process of combustion. Only with burning oxygen a flame or fire become possible. Everyone lighting a fire knows the behaviour of combustible substances in normal air (21 % of oxygen) from his own experience.

Oxygen will represent an utmost **danger**, if its quota in the surrounding air exceeds 21%.

- Each combustion will become **brighter, hotter, quicker**.
- Substances that normally not even glow will flame up.
- Clothes will go up in flames at moment's notice.
- Protective suits that under normal circumstances are considered as hardly inflammable will burn and offer no more protection.

Many people that were not aware of the danger of an increased oxygen quota in the air or who have disregarded it, suffered serious burns or even lost their lives.

The risk from oxygen enrichment in air is high. Avoid that

- Oxygen penetrates into clothes.
- A combustion is favoured by an oxygen excess.
- An ignition is provoked.

So

- **Never** use oxygen for aeration.
- **Never** blow off chips, scales, rust, etc. by means of oxygen.
- **Never** blow off dust or dirt from your clothes by means of oxygen or cool with oxygen.
- **Never** use leak oxygen conducting equipment (defective flame cutting or welding machines have to be repaired immediately by expert staff).
- **Never** flame in such a way that the flaming ray can tailback. In the flaming ray there is a high oxygen excess.
- **Never** wear clothes polluted by oil or grease.
- **Never** operate oxygen devices when having oily or greasy hands.
- **Never** smoke where any oxygen excess is suspected.

Contact us for further information:

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