Corporate Services

Safety recommendations for the H_2O_2 Cleaner

Appropriate protective measures must be taken to avoid any hazards when handling hydrogen peroxide.

In order to avoid contact between hydrogen peroxide and the skin or the mucous membranes, protective gloves, closely fitting protective goggles, and if necessary protective suits made of rubber or suitable plastics must be worn.

H_2O_2 vapours or mist must not be inhaled.

The TLV value in the work area must not be exceeded. If necessary, suitable respiratory equipment must also be worn.

Protect H_2O_2 from heat and any contamination.

Especially, contamination with heavy metals will catalyze the decomposition of H_2O_2.

H_2O_2 solutions are non-flammable but can ignite flammable materials.

H_2O_2 should be stored in the original containers or in specially designed tanks.

Our safety guidelines are summarized as follows:

- Wear safety goggles and gloves. If there is a splashing risk, wear a face shield, plastic apron and boots.
- Have an eye bath and safety showers available. Ensure there is adequate ventilation where peroxide vapours may occur.
- Have water hoses available for fire fighting. Wash spilled peroxide away from handling and storage areas with plenty of water.
- Store in original container in a cool place. Keep containers upright. Ensure vents remain effective.
- Keep storage area free of combustible materials. Use this area for peroxide storage only.
- Use clean vessels and equipment of compatible materials. Empty all utensils and drain equipment after use. Wash out with water.
- Prevent any contamination of peroxide. Do not return unused product to original container. Dilute with plenty of water and flush to drain.
- Avoid all contacts with combustible material, e.g. organic material or oxidizable products.
- Wash contaminated materials at once. On no account allow them to dry out before rinsing (e.g. clothing).
- Use only vessels or containers fitted with a safety vent in operable condition. Do not confine peroxide in any enclosed spaces (e.g. between closed valves).