

Laboratory/work area: **Wet laboratory**

Activity: **Pore Etching**



Acetic acid > 90 %

Dangerous for humans and environment

- Inflammable;
- Causes heavy burns;
- Can cause difficulties in breathing and eye damage;
- When diluting, pour the acid in the water and not vice versa;
- Reacts with caustic solutions resulting in heat development. Spray danger!
- Avoid acid penetration in soil, watercourses and drains.

Safeguard and directives

- Do not inhale gas/smoke/steam/aerosol, always work under a continuous fresh air flow;
- In case of a contact with the eyes thoroughly rinse with water and consult a doctor.



- **Eyes protection:** Use safety glasses (Ultranitrl 492)
- **Hands protection:** Use always protection gloves;
- **Respiration protection:** Uses a gas filter E (yellow);
- **Body protection:** Pinafore;



Fire department 0 /112

Behavior in the case of danger

Emergency 0 / 19222



Use suitable fire extinguishing agents: CO2, powder, water.
Leaked acid dispose with acid-binding means.

First assistance : (J. Bahr, Tel.: 6183):



After inhalation: Fresh air!

After skin contact: Remove contaminated clothes immediately; Rinse 10 min. with much water.

After eye contact: The open eyelid rinse for 10 min. under flowing water. Consult an oculist!

After swallowing: Do not cause vomiting! Drink much water.

Adequate disposal

Dispose remainders, empty bundles as special refuse (contact: Kai Rath).

Signature of the responsible person: