

Laboratory/work area: **Wet laboratory**

Activity: **Pore etching**



Decalcifies

Contents materials: Over 25 % phosphoric acid,
under 5 % non-ionic Tenside.

Dangerous for humans and environment

- Strong exothermic reactions when comes into contact with caustic solutions (heat development).
- The product causes skin, eye, and cornea burns;
- Should not be disposed as waste water without pre-treatment (neutralization, dilution).
- Low hazardous to waters;

Safeguard and directives

- During the work do not eat, drink or smoke.
- Keep the containers closely closed. Also closely lock emptied or in use containers
- Store in cool and dry places.
- Assure acid-proof floors. Do not store together with caustic solutions;
- Do not mix with other cleaners;
- Do not inhale steams.
- Avoid any contact with eyes and skin.



Eye protection:

Use eye protectors

Hand protection:

Use safety gloves (Ultranitril 492)



Fire department 0 / 112

Behaviour in the case of danger



Emergency 0 / 19222



- Always carry protection equipment;
- Provide extinguishing measures for fire cases. However, the product does not burn;
- Formation of phosphoric acid and nebulas possible.
- Endangered container/bundles cool by water jet spraying.
- After spillage/leakages takes up the liquid with a binding material (for example universal binder) and carefully provide the disposal.
- Rinse remainders with much water.

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



After eye contact:

Rinse the opened lids several minutes under flowing water. Consult an oculist immediately.

After skin contact:

Wash off immediately with much water. If necessary consult a doctor.

After inhalation:

Provide fresh air. Consult a doctor.

After swallowing:

Drink plentifully water. Try to avoid vomiting. Consult a doctor immediately.

After clothe contact:

Remove immediately all contaminated clothes.

Adequate disposal

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

Signature of the responsible person:
