

Print date 23.07.03

Laboratory/work area: **Wet laboratory**

Activity: **Pore etching**



Hydrogen peroxide

H₂O₂, Perhydrol 35 % in water.

Dangerous for humans and environment

Reacts violently with alkali metals, salts, hydroxides, metals (- in powder form), metallic oxides, aldehydes, alcohols, amines, ammonia, carbon, hydrazine, hydrides, Ether, acids, anhydrides, oxidizing agents, organic Material.

Causes burns on skin, mucous membranes and eyes. Skin contact leads to fading. Swallowing causes strong stomach ache/nausea and vomiting. In case of large quantities danger of stomach break-through can appear.

Steam/aerosols provokes the Eyes/Respiratory system/Lungs.

In soil and water decomposes to pure water and oxygen.

Generally not water-endangering.

Safeguard and directives

Keep closely locked, at well ventilated place, cool (under 15°C), store under light protection. Keep away from impurities. Use only containers with overpressure safeguards!

	Eyes protection:	Use safety glasses.	
	Hands protection:	Use safety gloves (Ultranitril 492)	
	Respiration protection:		
	Skin protection:	Always put on a lab smock.	

Fire department 0 / 112

Behavior in the case of danger

Emergency 0 / 19222



Take up with a liquid-binding material. The remainders rinse away with much water.

First assistance**First assistant: (Jörg Bahr, Tel.: 6183):**

After eyes contact:	Rinse at least 15 minutes with the eyelids open under flowing water in a eye bath. Consult a doctor!
After skin contact:	Rinse with much water.
After Inhalation:	Provide for fresh air.
After swallowing:	Drink much water or milk. Avoid vomiting, Consult a doctor.
After clothes contact:	Remove immediately all contaminated clothes.
Additional information:	In case of respiration stop: Artificial breath.

Adequate disposal

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

Signature of the responsible person:
