

Laboratory/work area: **Wet laboratory**

Activity: **Pore etching**



Isopropyl alcohol

(isopropyl alcohol, 2-Propanol, isopropanol)



Dangerous for humans and environment

- At high steam concentrations leads to anesthesia.
- During the use combustible/easy-inflammable steam and air mixtures can form.
- Prevent contamination of water and soil. Avoid penetration into drains by establishing barriers.

Safeguard and directives



- Do not eat drink or sniff in the working area.
- Provide measures against electrostatic loading.
- Use only in well ventilated places.
- Containers keep closely closed.
- Keep away from possible ignition sources - do not smoke.



Hands protection: Use PVC (polyvinyl chloride) gloves.

Skin protection: Use protective cremes

Eyes protection: Use closely closing eye protectors.

Body protection: Use protective clothes, chemical resistive shoes or boots.



Fire department 0 / 112

Behavior in the case of danger

Emergency 0 / 19222



Fire extinguishing agent: Use foam, spray water or water nebulous. Dry fire extinguishing agents, carbon dioxide, sand or earth have to be used only at small fires;

Do not use: Water in full jets. In case of fire, carbon monoxide (CO) can be generated. Steams are heavier than air and spread on the ground. Inflammations over larger distance are possible. Danger of explosion. Inform the fire-brigade and water protection authorities, if liquid penetrates into drains.

First assistance

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



Skin contact: Wash off with water and soap. In case of continuous complains consult a doctor.

Eyes contact: Rinse the eyes with much water. In case of continuous complains consult a doctor.

Swallowing: Do not cause vomiting. In case of continuous complains consult a doctor. Give the patient water to drink, if he/she is consciousness.

Inhalation: Bring to fresh air. If no rapid recovery occurs, consult a doctor.

Adequate disposal

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

Signature of the responsible person: