



## II. Fire Protection



### 1. Inflammable substances and explosives

- minimize the amount on your bench (allowed: 1 L at maximum)
- *absolutely no storage of this substances in fridges or freezers*, which do not have a certain protection system
- 4 mL evaporated methanol or 7 mL acetone are enough to build and explosive gas mixture inside a fridge or freezer

### 2. Gas canisters

- must be fixed properly
- must be labeled at the lab door
- when out of use, they *must* be stored in a special room
- always close the main valve at the gas bottles after usage!



### 3. Electric equipment

- let experts repair electric equipment, ev. contact technical support

#### 4. Emergency exits and escape routes



- inform yourself about escape routes (green signs): The main escape route is the staircase, the alternative routes are the emergency exits through the lab windows; emergency balconies lead to the escape staircase at the back of the building
- **keep escape routes and emergency exits free!** Cardboxes are not allowed to be stored at the exits or on these routes. Fire proof cupboards on the floors must be closed after use

#### 5. Fire alarm

- alarm is active
- smoking is prohibited in the whole institute!



#### In case of fire:

- inform yourself about **fire extinguishers, -blankets, emergency showers, first aid cabinets** (first aid medicine, dressing material)!
- **Fire extinguisher: Try CO<sub>2</sub>-extinguisher first**
- if you are not sure, whether you are able to extinguish a starting fire, put on the fire alarm
- if possible without danger for you: close doors and windows, switch **on** the lights, close gas valves, switch off the clima control
- in case of fire alarm (siren), **everybody** has to leave the building as fast as possible and collect in front of the ZBMZ, make sure that all of your colleagues have left the building!

**Fire Brigade: 2000 from every telephone**