

Allg. Sicherheitsunterweisung / safety instruction

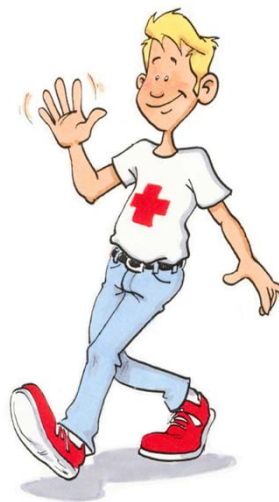


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Allg. Sicherheitsunterweisung / safety instruction

**Basic rules**

- keep calm and think
- take care of your own safety
- notify accident / fire  
(emergency call)



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**Emergency call**

**2111**



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**SSD\***

First Aid

**Emergency call**



- Who is calling ?
- Where has something happened?
- What has happened
- How many are injured?
- What kind of injuries?
- Wait for additional questions!

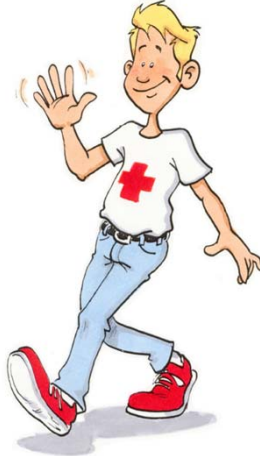
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More basic rules

- help injured people
  1. rescue of people
  2. fire fighting
- fight fire, if you know how to
- leave the building








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**Rules of conduct by fire**


**Leave the building**

Leave the room only if it is possible without any risk (smoke!) Close doors and windows, but do not lock doors!
Turn off gas, air pressure, electricity, water, apparatus <b>if possible!</b> (! Keep reactions in stable conditions !)
Warn people in danger Take helpless people with you
Follow marked fire-escape
Do not use the lift! <b>!!! Danger to life if electricity fails!</b>

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Allg. Sicherheitsunterwe

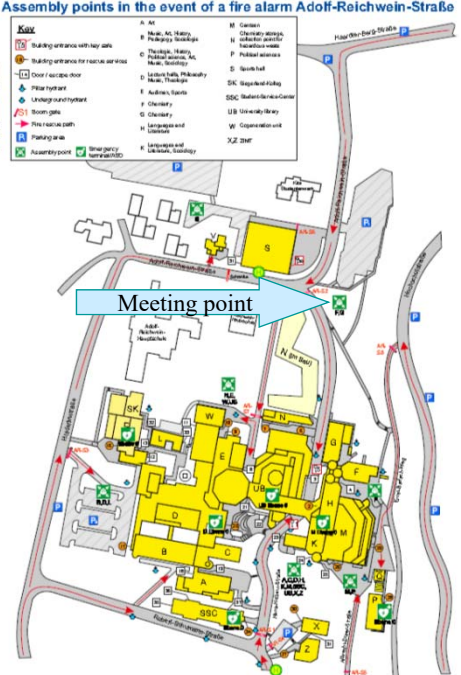
## Go to the meeting point



Is everybody here?  
Who is missing?  
Where?  
Are there any special risks?

**Assembly points in the event of a fire alarm Adolf-Reichwein-Straße**

<b>Legende</b>	A: Akt	M: Mensa
🚪 Building entrance with key gate	Mu, AC, Halyo	M: Chemietechnik
🚪 Building entrance for rescue services	Physische, Halyo	M: Chemietechnik
🚪 Door / escape door	Physische, Halyo	M: Chemietechnik
🚰 Fire hydrant	Physische, Halyo	M: Chemietechnik
🚰 Underground hydrant	Physische, Halyo	M: Chemietechnik
🚰 Room gas	Physische, Halyo	M: Chemietechnik
🚰 Fire rescue path	Physische, Halyo	M: Chemietechnik
🚰 Parking area	Physische, Halyo	M: Chemietechnik
🚰 Assembly point	Physische, Halyo	M: Chemietechnik



Meeting point

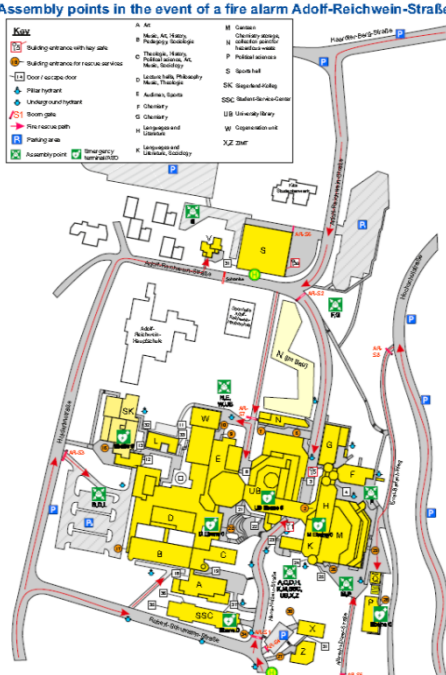
Stand: 20.10.2014/NAW

Assembly points in the event of a fire alarm Adolf-Reichwein-Straße

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theorie  
und Praxis  
in  
Kärrieren  
in morgen

Instruktion



Meeting point

Stand: 20.10.2014/NAW

### Allg. Sicherheitsunterweisung / safety instruction

- Make sure you are familiar with all the safety information given to you about each experiment before starting the experiment. This includes your manual, these safety guidelines, any posted information or any other information provided to by your TA.
- **Always** wear safety glasses (including during check-in and check-out), except when their removal has been specifically authorized by the TA prior to their removal. Contact lenses are forbidden. You must also wear a face shield when requested to by the TA.

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### Allg. Sicherheitsunterweisung / safety instruction

- You **must** wear a lab coat (and do it up) in all Chemistry labs.
- Footwear **must** completely cover the foot (no sandals, baby dolls, ballet flats, mules, open-toed footwear, etc.).
- You **must** wear long pants (no shorts, capris, skirts, or dresses).
- Loose hair must be tied back so as to be out of the way. Dangling jewellery must be removed.
- Do **not** eat or drink in the lab.
- Visitors are not allowed to be in the lab.

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## Allg. Sicherheitsunterweisung / safety instruction

- Please keep your work area and the common work areas tidy. Also, please make sure the aisles, safety showers, eyewash stations and doorways are unobstructed.
- Please clean up spills immediately. If the spill is large or is of a hazardous material, inform the TA immediately. Use spill mix to absorb solvent or caustic liquids.
- Please dispose of waste properly and in a timely manner and according to the instructions provided in your lab manual. If you are not sure, please ask your TA for the proper method of disposal.

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## Allg. Sicherheitsunterweisung / safety instruction

- Wash your hands before you leave the lab.
- Please notify your Advisor of any serious medical conditions.
- Do not wear earbuds or earphones while in the lab.
- Many chemicals (solid, liquid or vapour) are poisonous. Do not taste chemicals. If it is necessary to smell a chemical, do so by fanning the vapours towards your nose. Never inhale directly. Avoid inhaling dust or fine powders. Use fume hoods and personal protective equipment when necessary.

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## Allg. Sicherheitsunterweisung / safety instruction


- Do not pipet with your mouth.
- Be extremely careful when transferring, distilling or refluxing volatile liquids.
- Do not return used chemicals back to the stock container.
- Do not heat, measure or mix any chemicals in front of your face.
- Never heat a closed system – it will act as a bomb!
- Never pour water into concentrated acid. Pour acid slowly into water, stirring constantly. Mixing concentrated acid with water is exothermic.

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## Allg. Sicherheitsunterweisung / safety instruction

- Make sure test tubes containing reactions are pointed away from people, especially when they are being heated.
- Be careful when packing melting point tubes or using Pasteur pipettes - glass capillaries and pipettes are very fragile and can result in cuts to the hand.
- Hot glassware burns! (Hot glassware looks the same as cold glassware!)

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## General „glove rules“:

- Wear gloves only while necessary!
- Don't wear them when walking through the building!
- Don't touch anything with gloves others touch with bare hands! (Door handles, Water taps, ...)

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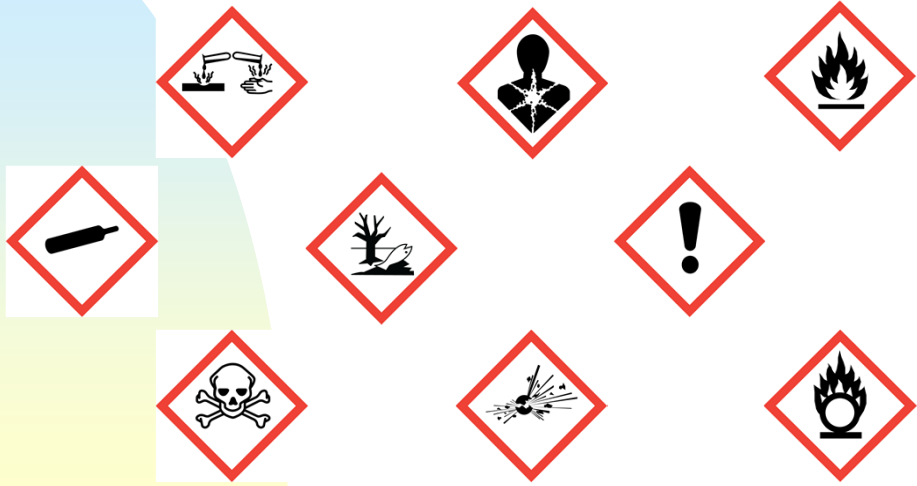
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blue barrels:

- 1.) Glasabfall (glass waste)
- 2.) Filter und Aufsaugmassen (solid chemicals)

white container: wässrige Abfälle (aqueous liquids with toxic compounds)

black containers:

- 1.) organische Lösemittel halogenfrei (organic solvents without halogen)
- 2.) organische Lösemittel halogenhaltig (halogenated organic solvents)

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[www.uni-siegen.de/zuv/dezemat1/sicherheit/arbeitsschutz/sicherheitsfibel/](http://www.uni-siegen.de/zuv/dezemat1/sicherheit/arbeitsschutz/sicherheitsfibel/)

Brandschutz / Fire precaution regulations

Sicherheitsfibel / Safety manual