

Safety Refresher

Laboratory

Wear laboratory coats, safety glasses, if necessary gloves

Do not wear laboratory coats, in the coffee room, cafeteria, outside, ..

Do not wear gloves, in the «office area», if you leave the lab,...

Laboratory

In the evening **clean up the lab**

Lock the lab, if nobody is in the lab

Do not write on the hood

5L of flammable solvent is permitted per laboratory (in addition to the waste solvent) outside of working hours. Excess flammable solvent is to be stored in the fire-resistant cupboards

Label the chemicals (e.g. HPLC Buffer)

Reactions over night have to be labeled (Forms are in the exchange or intranet)

Laboratory

If something broken, repair it! If you don't know how, ask people for help

Once a year defrost the fridge/freezer

Once a year change the oil in the vacuum pump

Gas bottles

At all times the gas bottles have to be fixed

Use the gas bottles only with the corresponding reduction valve

Do not use grease for the fittings

Never open the bottle without a reduction valve

Transport of a gas bottle :

- Remove the valve
- If you have an old gas bottle protect the main valve with the protecting cap
- Transport the gas bottle only with a gas bottle barrow

Disposal

The canister have to be clean!!!



yellow canister

non halogenated solvents (non chlorinated)

ex: Acetone, Ethanol, Ether, Hexane, Methanol, Toluol, Xylol, Alcohols, Petrol, Petrolether etc.
Mixed, non halogenated solvents

Important: returnable only with adress label on the side



blue canister

halogenated solvents (chlorinated)

ex: Chloroform, Dichlormethane, Trichlorethylene, etc.
Mixed, chlorinated solvents

Important: returnable only with adress label on the side



white canister

toxic waste

ex: used oil, heavy metals, cyanide, acids not mixed etc. (mix different wastes only if compatible, otherwise one waste or acid per Canister)

Important: returnable only with adress label on the side and attached duly completed brown label "Sonderabfälle" (duty of declaration)

Disposal

Water phase of extractions -> yellow/blue canister

Glass TLC -> Glass container

Used silica -> in a empty silica bottle, label it with «waste» and lab number

Needles -> needle box normal waste or U1

Old chemicals -> labeled (compound/s , lab number) blue box, U1

The container have to be clean!!!

Emergency Instructions Universität Bern

Departement of Chemistry and Biochemistry, Freiestrasse 3, 3012 Bern



1. Alarm fire brigade

- Press alarm button or call (0)118
- Warn internally / alarm people



2. Close doors and windows

- Limit expansion of fire



3. Rescue

- Guide people out of the danger zone
- Rescue and care for people



4. Extinguish

- If you can extinguish the fire (only in case of immediate danger)



5. Do not use lifts



1. Evacuation Alarm

- Evacuation alarm is sounded with a constant audible tone



2. Follow instructions

- Follow instructions given by authorized staff



3. Leave the building

- Use emergency exits
- Assist disabled people



4. Meeting point

- Go to the meeting point



5. Don't go back

- Stay at the meeting point
- Follow further instructions

Meeting Point



Emergency phone numbers

External:

Fire brigade: (0)118
Police: (0)117

Emergency: (0)112
Ambulance: (0)144
Poisoning: (0)145

REGA: (0)1414

Inselspital: (0)031 632 24 02

Internal:

Emergency group: 43 00

Safety officer: 43 73

Standby: 43 89

Technical breakdown

Hausdienst: 43 26

Emergency Instructions Universität Bern

Departement of Chemistry and Biochemistry, Freiestrasse 3, 3012 Bern

In the event of an accident



- 1. Observe – think - act**
 - Think of your own safety



- 2. Alarm**
 - Ambulance: (0)144
 - Facility manager: 4373 or 4300



- 3. Rescue**
 - Remove injured people from the danger, only in case of immediate danger



- 4. First Aid**
 - According Rescue-ABC(D)
 - Airway-Breathing-Circulation-(Defibrillation)



- 5. Provide care**
 - Attend to injured people
 - Assist the rescue team

In the event of a chemical accident



- 1. Alarm in case of a bagatelle**
 - Safety officer in charge
 - Warn internally / alarm people



- 2. Alarm in case of a big incident**
 - Fire brigade: press alarm button and call (0)118
 - Warn internally / alarm people



- 3. Close doors and windows**
 - prevent dangerous substances from spreading



- 4. Rescue**
 - Guide people out of danger zone
 - Rescue and care for injured people



- 5. Do not use lifts**

Meeting Point



Emergency phone numbers

External:

Fire brigade: (0)118
Police: (0)117

Emergency: (0)112
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More Information

home universität > philosophisch-naturwissenschaftliche fakultät > departement für chemie und biochemie > intranet > sicherheit & technik

Studium | Campus | Bibliotheken | Forschung | Organisation | Arbeiten an der Uni | Öffentlichkeit

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Departement für
Chemie und Biochemie



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UNIVERSITÄT
BERN

Home

Departement

Studium

Forschung

Analytik (ARS)

Laborant/in EFZ Chemie

Technische Dienste

Bibliothek

Veranstaltungen

BioChemie am Samstag 2014

Vereinigungen

Intranet

- Telefonbuch

- Reglemente

- Personal

- Assistierende

- Raum Info/Manuals

- Entsorgung

- Sicherheit & Technik

- STOP

- IKS

- Events

- PhD-Program

Sicherheit & Technik

Die unten aufgeführten Dokumente sind Anlagen zur Hausordnung und sind entsprechend zu beachten.

AGU (=Arbeitsicherheit, Gesundheitsschutz, Umweltsicherheit)

- » AGU-Team (pdf, 76KB)
- » AGU Organigramm (pdf, 59KB)
- » AGU Kontaktpersonen (pdf, 26KB)
- » Ersthelfer (pdf, 17KB)
- » Merkblatt für Kontaktpersonen (pdf, 68KB)
- » Sicherheitskonzept (pdf, 1.1 MB)
- » Stellenbeschreibung KOPAS (pdf, 32KB)

AGU Tag

- » AGU Safety (pdf, 1.8 MB)
- » AGU Emergencies (pdf, 826KB)
- » KOPAS Tag 2014 (pdf, 13KB)
- » - Arbeitshygiene (pdf, 698KB)
- » - Schutzausrüstung (pdf, 1.3 MB)
- » - Verantwortung AS + GS (pdf, 154KB)

Checklisten

- » Arbeitsmittel (pdf, 63KB)
- » Chemische Laboratorien (pdf, 247KB)
- » Energiemanagement (pdf, 76KB)
- » Laborsicherheit (pdf, 81KB)
- » Leiterprüfung (vnd.ms-excel, 42KB)
- » Mutterschutz (pdf, 318KB)

Servicebereich

- » Seminare
- » Bibliothek
- » Telefonbuch DCB
- » Berner Chemische Gesellschaft
- » Informatik

Für Studieninteressierte

- » Informationstag
- » Schülerlab - Projekt "Transcure - Excellence in Membrane Research"
- » Flyer Biochemie
- » Flyer Chemie
- » Flyer Pharmazie

Infos zum Studium

- » Studienberatung
- » Stundenpläne
- » Prüfungstermine
- » Vorlesungsunterlagen

Quick Links

- » KSL (öffentliches Vorlesungsverzeichnis)
- » KSL - für Studierende und