



Please think ahead about how waste can be avoided!

Information on making appointments and the drop-off location as well as detailed information on the individual types of waste can be found on the [hazardous waste websites](#)

Contact the hazardous waste team

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Disposal of chemical waste

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Solvent mixtures

- Collect halogen-containing and halogen-free solvent mixtures separately
- Collection containers: 5-litre plastic canisters (issued during hazardous waste collection)
- Accompanying document: "[Gefährliche Abfälle flüssig](#)" ([liquid hazardous waste](#))
- Content: single-phase and without solid components

Aqueous laboratory waste

- Collection containers: 5-litre plastic canisters (issued during hazardous waste collection)
- Accompanying document: "[Gefährliche Abfälle flüssig](#)" ([liquid hazardous waste](#))
- Content: single-phase and without solid components
- Adjust pH to 5 – 9 and report in the accompanying document
- Quantitatively precipitate solutions containing heavy metals, dry them, and dispose of them as absorbents
- Classify aqueous dilutions/mixtures according to [training material](#) (in German)

KOH/isopropanol mixture

- Collection containers: 5-litre plastic canisters (issued during hazardous waste collection)
- Accompanying document: "[Gefährliche Abfälle flüssig](#)" ([liquid hazardous waste](#))
- Tick "Säure/Lauge" (acid/lye) in the accompanying document; indicate KOH + isopropanol as ingredients

Waste oils and grinding emulsions

- The following types of waste must be collected separately:
 1. Cooling lubricants and grinding emulsions
 2. Mineral oil and synthetic oil, halogen-free
 3. Used oil containing halogens
 4. Oil and water mixture
 5. Grease
 6. Silicone oil
- Appropriately mark oil-filled devices and equipment (label with trade name and manufacturer)
- Collection containers: original containers if possible; otherwise please contact Andreas Keller or Michaela Stemmler
- Accompanying document: ["Gefährliche Abfälle flüssig" \(liquid hazardous waste\)](#)
- Indicate trade name and manufacturer on the accompanying document

Solid hazardous waste

- The following types of waste must be collected separately:
 1. Contaminated absorbent materials
 2. Contaminated cleaning and wiping cloths
 3. Contaminated plastic waste (clean the chemical containers and dispose of them in room M541 "Auspackraum")
 4. Laboratory glassware and contaminated white glass
 5. Brown chemical bottles
- Collection containers: Plastic bins (issued during hazardous waste collection)
- Accompanying document not required
- Numbers 1 – 3: Dispose of non-contaminated waste not as hazardous waste but in room M541
- Number 1: For dust-forming absorbent materials (e.g. silica gel), use additional paper bags or transparent plastic bags
- Number 5: Drop off brown chemical bottles only if they are cleaned, dried and without lids
- Dispose of oil-contaminated materials (gloves, hoses, rags, paper) with the corresponding waste types

Chemical waste

- Drop-off chemical waste only by prior arrangement and appointment
- Only dispose of such containers as used chemicals that do not belong to any established waste group (e.g. solvents)
- Containers of chemical mixtures must be properly and legibly labelled
- Copy DaMaRIS entries of the chemicals to be disposed of into virtual DaMaRIS disposal room
- Accompanying document: DaMaRIS printout
- Coordinate further steps with **Michaela Stemmler**

Waste that cannot be accepted by the hazardous waste team

- Biological substances → Norbert Kunze, biological safety representative (phone extension: 2007)
- Radioactive substances → Norbert Kunze, radiation safety coordinator (phone extension: 2007)
- Old appliances → Old-appliance disposal, Facility Management (phone extension: 4799)
- Gas cylinders → Gas storage "Gaslager" (phone extension: 2276 or 2235)
- Cured paints, varnishes, adhesives → Residual waste
- Packaging glass (soft glass) → room M541 "Auspackraum"
- Cleaned plastic containers → room M541 "Auspackraum"

Other hazardous waste

- Hazardous waste that cannot be assigned to any of the above-mentioned established waste groups usually requires individual consideration. In these cases, please contact the hazardous waste team by phone or email in due time to clarify the correct disposal before the drop-off date.
- Please pass on the following information to the hazardous waste team:
 - Composition (ingredients with concentration information)
 - Total quantity
 - Safety data sheets of the components
 - If necessary, a photo of the waste container
- Please do not let these wastes accumulate in excessive quantities, as this would make any necessary pre-treatment and disposal more difficult.