Instruction sheet for the disposal of liquid hazardous waste materials

I. Liquid hazardous waste materials must be collected separately in four waste-material classes:

1. Solvents, halogen-free: 5l canister
   - Acetone, acetonitrile, ethanol, hexane, pentane, methanol, propanol, dilution, benzine, acetic acid, propionic acid, etc.
   - Max. 2% content of halogens (chlorine, bromine, fluorine, iodine)

2. Solvents, halogen-containing: 5l canister
   - Chloroform, methylene chloride, carbon tetrachloride, etc., also in mixtures containing halogen-free solvents (with a halogen content exceeding 2%)

Flammable liquids must be collected only in 5l canisters! Exemptions must be coordinated with the Occupational Safety and Sustainability department (Arbeitssicherheit und Nachhaltigkeit, AuN)!

3. Aqueous solutions, acidic: 10l or 20l canister
   - Inorganic acids, e.g. hydrochloric acid, sulphuric acid, phosphoric acid
   - Salt solutions
   - Max. 2% content of solvents
   - Collect mercury-containing solutions separately
   - No highly concentrated acids, no aqua regia, no nitrating acid!

If such waste materials are generated, their collection and disposal must be coordinated with AuN.

4. Aqueous solutions, alkaline: 10l or 20l canister
   - Lyes, e.g. potassium hydroxide solution, sodium hydroxide solution,
   - Salt solutions
   - Max. 2% content of solvents

When filling containers please note: Take care to prevent spills on the outside of the container and not to exceed the maximum fill volume!

II. Adhesive labels for canisters
    (with waste description, hazard symbols, hazard warnings, safety instructions)
    - Available from AuN or as downloads to print out yourself.

III. Collection of full canisters
    Canisters are collected regularly in the routine schedule for the disposal of laboratory chemicals.

IV. Ordering new, empty canisters
    Canisters can be ordered by fax (089/317740-16) or by email (service@wse-entsorgt.de) from the company Wittmann Sonderabfall-Entsorgung GmbH (WSE).