

Working with hazardous substances

1. Purpose

The purpose of this work instruction is to describe how to work in a safe manner.

2. General

Hazardous substances are substances that pose a danger to health and/or the environment. Working with hazardous substances is risky because the substances can be:

- Poisonous
- Corrosive
- Flammable
- Damaging
- Intoxicating
- Explosive

The danger of hazardous substances is that you do not always immediately see or notice that they are hazardous.

The work must be carried out with the appropriate and described protection/PPE. Failure to follow the instructions may lead to dangerous situations or actions.

3. Risks

Chemical burns, eye injury, skin irritation, intoxication, irritation to airways, fire, explosion, harmful effects to the health

4. References

- Material Safety Data Sheet (MSDS)
- Task risk analysis
- Instruction card: Working with chemicals

5. Measures

- Hazardous substances must always be placed on a drip tray after use
- Put away the hazardous substances after use and close the cabinet in which they are stored
- Make sure you know where the eyewash is located
- Know the escape route
- Make sure the right extinguishers are in the immediate area
- Read the packaging or safety data before use

6. Picture

7. Pictograms



8. Required PPE



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- Read the packaging and/or material safety data sheet
- Use the specified personal protective equipment
- Clean up any spills immediately
- Wash hands after use



- Never smell the contents of a package if you do not know what is inside
- Mix products, unless explicitly stated in the description of the product
- Use substances in a small space in which other work is taking place that is dangerous in combination with the product