

# Instructions for emergencies such as major spills and emissions of hazardous chemicals

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**Karolinska  
Institutet**



# Instructions for emergencies such as major spills and emissions of hazardous chemicals

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## Introduction

For environmentally hazardous activities, instructions for acting in emergency situations must always be in place. In the event of a major spill or discharge of chemicals to sewage network, it is important to contact the treatment plant and the municipality as soon as possible. This instruction must be supplemented with local instructions for the lab or house.

*Please note that radioactive waste is handled in accordance with KI's guidelines for radiation safety.*

*Please note that departments located at the hospitals must apply the hospitals' corresponding rules / instructions. The special chemist from Stena Recycling AB is, however, available for consultation also for these departments.*

## Aim

The instructions aim to provide support for the business in how to act in emergency situations such as major spills and releases of environmentally and health hazardous chemicals to limit damage to the business, the employee and the environment.

## Incident reporting

An incident that has occurred must be reported in the incident reporting system and to the immediate manager. Spills and incorrect use are reported as work environment incident (or work accident if someone has been injured), discharges to drain is reported as environmental incident. Serious personal injury or incidents that have entailed a serious danger must also be reported to the Swedish Work Environment Authority.

## Severe accident where there is a risk for personal injuries or other damage

Call the emergency services (räddningstjänsten): 112.

## Major spill or incorrect use of hazardous chemicals

1. Close the area.
2. Consult the risk assessment (written locally for handling of the chemical) or the Safety Data Sheet (SDS). Also check the local emergency procedure. If you are uncertain, call special chemist at Stena Recycling AB for advice, 010-445 86 07 (office hours), 070-560 75 17 (outside office hours), or send an email to [ludwig.hjort@stenarecycling.se](mailto:ludwig.hjort@stenarecycling.se) or [thomas.fritze@stenarecycling.se](mailto:thomas.fritze@stenarecycling.se).
3. When decontamination help is needed, primarily call Ocab i Stockholm AB. Helpline number 020-62 00 40, e-mail [skadejobb.sthlm@ocab.se](mailto:skadejobb.sthlm@ocab.se). If Ocab is unable to carry out the decontamination, contact Spolsnabben AB. Helpline number 0771-55 0810, e-mail [info@spolsnabben.se](mailto:info@spolsnabben.se).
4. Clean the area yourself only if you consider you can do this without major risk. Decontamination of chemicals in a fire-damaged area should always be done by a decontamination company.
  - a. Use protective equipment, such as gloves that can withstand the chemical, goggles or respiratory mask, boots and protective clothing.
  - b. Liquid spills should be removed thoroughly with a disposable absorbent.

- c. Use a shovel to collect the spill. Transfer to a plastic container with a tight lid. Contaminated gloves, tissue, etc. should also be placed in the same container. Seal the container.
- d. Use a shovel to collect the spill. Transfer to a plastic container with a tight lid. Contaminated gloves, tissue, etc. should also be placed in the same container. Seal the container.
- e. The waste should be handled as chemical waste in accordance with [KI rules on laboratory waste](#).
- f. Clean the floor properly.
- g. **Never** let the cleaning staff or other service staff remove chemical spills! They do not have the necessary training for this type of cleaning.

## Major accidental discharge of hazardous chemicals to drains

Inform the sewage treatment plant and the environmental inspection unit in the municipality in question. Also inform KI's Safety and security unit.

Safety and security unit; on-call number: 08 524 801 00. For questions call 08 524 865 64.

### Campus Flemingsberg

Henriksdals reningsverk 08-522 120 00 (office hours), 08-454 25 70 (outside office hours).

For spills/emissions in Flemingsberg, also email information about the incident and contact details to Miljö- och bygglovsförvaltningen at Huddinge municipality, [miljotillsyn@huddinge.se](mailto:miljotillsyn@huddinge.se), or call 08 535 300 00 and ask for an environmental inspector.

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## **Campus Solna**

Käppalaverket: Contact one of the environmental engineers at Kretsloppsavdelningen 08-766 67 00 (office hours), or, the on-call operations engineer, 08 766 67 36 (outside office hours). In non-acute situations, email [kretsloppsavdelningen@kappala.se](mailto:kretsloppsavdelningen@kappala.se).

For spills/emissions in Solna, also inform Miljö- och byggnadsförvaltningen in Solna municipality, phone 08 746 10 00 or via the web form at [www.solna.se](http://www.solna.se). Alternatively, email [miljohalsoskyddsnamnden@solna.se](mailto:miljohalsoskyddsnamnden@solna.se).