

## SAFETY AND HYGIENE REGULATIONS



Servei de Prevenció de Riscos Laborals  
UNIVERSITAT POLITÈCNICA DE CATALUNYA

# ACTION IN THE CASE OF LIQUID CHEMICAL SPILLS

CODE **SHR 308**

Date: **April 2011**

Revision: **01**

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## DESCRIPTION OF THE SPILL KIT

### SPILL KIT FOR CLEANING UP SPILT LIQUID CHEMICALS

The spill kit contains absorbents that soak up acids, bases, solvents and unidentified liquids, as well as accessories for handling and collecting dirty absorbents. The specific maximum absorption capacity of this spill kit is approximately 57 litres\*.

It contains the following:

- 35 sheets of 41 x 51 cm
- 1 absorbent sock of diameter 7.6 x 122 cm
- 1 absorbent sock of diameter 7.6 x 244 cm
- 1 pillow of 46 x 46 cm
- 4 pillows of 23 x 23 cm
- 2 disposable bags with ties
- 1 pair of nitrile gloves
- 1 pair of safety goggles
- 1 yellow transport bag
- A safety data sheet for the absorbent material (POLLUSORB)



SPILL KIT (57 litres)

\*These data could vary slightly depending on changes made by the manufacturer

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## GENERAL RECOMMENDATIONS ON THE USE OF A SPILL KIT

In case of a liquid chemical spill, **evacuate the affected area**. If a flammable liquid has spilled, remove all sources of ignition from the area.



Before carrying out any action, put on the personal protection equipment from the **spill kit** (nitrile gloves and safety goggles). This should be worn throughout the process of cleaning up and disposing of the spilled liquid.



If the spill is small, use the absorbent sheets from the kit. If the spill is large, **place** one of the absorbent **socks** from the kit around the spill, **to confine it**. This will prevent it from spreading further.



Once the area of the spill is under control, **absorb the spilled liquid using POLLUSORB absorbent sheets and pillows**. The difference between the sheets and pillows is the absorption capacity. Sheets should be used if the amount of liquid spilled is small. If a larger amount of liquid is spilled, the pillows should be used. Wait until all of the liquid is absorbed.



Once the liquid has been absorbed, **throw all the material that has been used to clean it up** (socks, sheets, pillows, etc.) **into the disposable bag with ties** that is provided in the spill kit. Close the bag as tightly as possible and follow the **protocol for chemical waste management established by the UPC**. Decontaminate the affected area with water and detergent.

