

FACT SHEET

ENVIRONMENTAL HEALTH AND SAFETY

Chemical S.P.I.L.L. Response



Need to know

- Secure • Protect • Inform • Least to Greatest • Leave •
- Employees must have access to the Safety Data Sheets (SDSs) for chemicals they are using.
- Call Public Safety to report any spill that cannot be cleaned by department at 503-494-4444.
- Report all spill events in WSIRS when safe to do so.



For chemical and medication spills, follow the **S.P.I.L.L. Response Plan**

Secure • Protect • Inform • Least to Greatest • Leave

For any accidental chemical or medication release that is uncontrolled or beyond the resources and training of the department, call Public Safety immediately at 503-494-4444.

Only trained, competent individuals with access to appropriate supplies should clean up spills. Departments using chemicals and medications should have spill response resources available for immediate use.

This guidance document is specific to chemical spills; please consult relevant guidance documents, department procedures, or EHS for assistance with biological or radioactive material spills.

Secure

Remove all personnel from the immediate area of the spill. If someone is exposed or contaminated, follow first-aid measures listed in the Safety Data Sheet (SDS), provide assistance if safe to do so, and seek medical attention.

Protect

Don personal protective equipment (PPE), if not already on. Retrieve spill kit.

Inform

Inform others in the immediate area of the release to avoid the spill area. Notify your supervisor.

Least to Greatest

Clean the spill as trained. Start from the least contaminated to most contaminated area. Use enough supplies to completely absorb the spilled material and dispose of appropriately. Contact EHS with any questions.

Leave

If the spill is greater than you have been trained to address, retreat to a safe location and call Public Safety at 503-494-4444 to report.

Complete a Worker and Student Injury Reporting System (WSIRS) Form

Complete this report as soon as it is safe to do so. Even if the spill was cleaned up by the department (and Public Safety was not notified), a WSIRS is required.

Incidental (Non-Emergency)	Controlled (Non-Emergency)	Uncontrolled (Emergency)
A small spill that does not present an imminent danger to people, property, or the environment and may easily be controlled by the worker.	A larger spill that does not present an imminent danger to people, property, or the environment, but is not easily controlled by the worker.	A very large spill or acutely toxic spill that presents an imminent danger to people, property, or the environment.
Example: 50 ml methanol, 10 ml 1M sodium hydroxide, 100 ml ethanol, 5 gal of EDTA or saline solution	Example: 1 L glacial acetic acid, 500 ml phenol, 2 L ethanol, 500 ml acrylamide solution	Example: 50 ml acrolein, 2.5 L hydrochloric acid, 10 L ethanol
What to do: Don appropriate PPE and clean up the spill.	What to do: Contain the spill and call Public Safety at 503-494-4444	What to do: Evacuate the area and call Public Safety at 503-494-4444

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