

Responding to a Major Chemical Spill Standard Operating Procedure

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A major chemical spill is one that staff is NOT able to clean up safely without the assistance of Environment, Health & Safety (EHS) and emergency personnel.

NOTE: For major spills or significant areas of contamination, call 911.

Resources

In the event of a spill, consult the following documents for information about spill and emergency response:

- Chemical's Safety Data Sheet
- Process-specific standard operating procedure

Procedure: Responding to a Major Chemical Spill

1. Attend to injured or contaminated personnel and remove them from exposure.
2. Notify all individuals in the general vicinity that a spill has occurred.
3. Evacuate the area.
4. If spilled material is flammable, turn off ignition and heat sources.
WARNING: Do not light Bunsen burners or turn on other switches.
5. Call **911**.
6. Close doors to affected areas.
7. Post warnings to keep personnel from entering the area.
8. Have a person with knowledge of the incident and area available to assist emergency personnel.
9. Were there any illnesses or injuries as a result of the incident?
 - a. If YES, complete and submit the [Illness or Injury Report Form](#), then go to the next step
 - b. If NO, go to the next step
10. Complete and submit the [Incident and Near Miss Report](#).