THE RESILIENT 21ST CENTURY BUSINESS:
How Managing Chemicals Can Help Your Business Weather the Storm

Did you know?

40% of disaster-struck businesses NEVER REOPEN

25% of disaster-struck businesses that reopen eventually FAIL

90% of businesses without a plan FAIL within 2 YEARS post-disaster

Do you have hazardous materials, chemicals, or wastes on site?

If so, then you may already be subject to regulatory requirements.

Extreme weather could put your business, employees, & local community at risk.

That's why it's important to make your business resilient in the face of natural disaster.

Here are some tools to help!

$1 spent on hazard mitigation = $6 saved on future disaster costs

National Institute of Building Sciences

Building your business was a big investment. Here's what you can do to protect it:

Understand the risks to your business & community.

Know which chemicals your business has on site.

"Floodproof" your storage of chemicals, & train employees on managing on-site chemical risks.

Become a disaster-resilient, prepared business.
Here's what you can do:

Understand the risks to your business & community.

Extreme weather events are increasing in severity & frequency.
- Use the CT Toxics Users & Climate Risk viewer to see if your business is in a flood-prone area.
- Make sure you have the right flood insurance.
- Know who your neighbors are & if they have chemicals on site.

This is a public safety issue.
- Breached containment of chemicals & hazardous materials puts employee, first responder, & community health/safety at high risk.

Know how this may affect your business.
- Your business may be held liable for contamination & cleanup.
- Your property, assets, & inventory may be damaged or lost.

Know which chemicals your business has on site.
- Keep good records of chemicals bought, used, generated, disposed of, & stored.
- Work with health & safety experts to keep track of chemical characteristics, reactivity hazards, safe temperature/pressure/composition limits, & compatibility.
- Include hazardous materials management in your emergency plans, & keep local emergency management officials in the loop.

"Floodproof" your storage of chemicals & hazardous materials, & train employees on managing on-site chemical risks.
- Regularly inspect, maintain, repair, & upgrade your facility's storage equipment & personal protective equipment (PPE).
- Strengthen storage with secondary containment & by elevating, re-securing, & relocating chemicals prior to storms.

Become a disaster-resilient, prepared business.

Use DEEP's CT Toxics Users & Climate Risk Viewer to see if your business is in a flood-prone area.
your flood resiliency toolkit

strengthening your business's ability to anticipate, prepare for, adapt to, & recover rapidly from changing conditions & disruption.

### Identifying Facility Flood Risk
Type in your facility's address & explore!
- DEEP's CT Toxics Users & Climate Risk Viewer
- NOAA Sea Level Rise Viewer

### Technical Assistance
CT Dept of Energy & Environmental Protection, Pollution Prevention
DEEP.pollutionprevention@ct.gov
Connie Mendolia
connie.mendolia@ct.gov
- DEEP's online training for businesses on managing chemicals before the storm (available March 2020)
  - [ct.gov/deep/p2](ct.gov/deep/p2)
- Network with other businesses by sharing BMPs
- Ask first responders to tour your facility

### Prepare an Emergency Plan
- Get input from your employees.
- [FEMA's resources for businesses](https://www.ready.gov/businesses)
- [Ready Business toolkit](https://www.ready.gov/businesses)
- [SBA's guide to preparing for emergencies](https://www.ready.gov/businesses)
- [Resilient Nashua, NH Toolkit](https://www.ready.gov/businesses)

### Flood Insurance
- Know the terms of your insurance
- If renting your facility: ask landlord
- Get cheaper, low risk coverage through Preferred Risk Policy
- [FEMA NFIP](https://www.ready.gov/businesses) (800) 427-4661 (National Flood Insurance Program)
- [Flood Smart](https://www.ready.gov/businesses)

### Top 10 Chemicals Most Commonly Reported as Used in CT
- Zinc compounds
- Nitrate compounds
- Dichloromethane
- Ammonia
- Certain glycol ethers
- Methanol
- Copper compounds
- Copper
- Ethylene glycol
- Toluene

EPA Toxic Releases Inventory 2017

### Save $
- Preparedness may mean savings now & avoiding some disaster recovery costs later.

"Planning for critical incidents & training employees on proper emergency procedures should become a standard throughout any business model."

Allen Steinbeck
director of John Deere Worldwide Security & Aviation

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