



Environmental Health & Safety

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Chemical Purchasing



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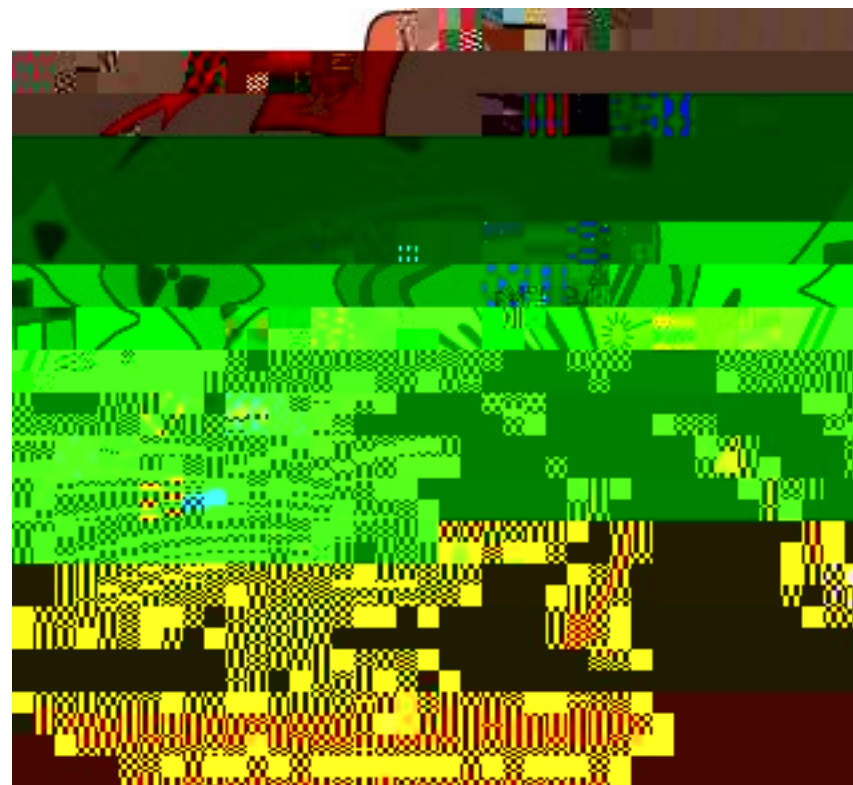
Chemical Safety

- **Chemical Safety**
 - Manage Hazardous Materials on Campus.
 - Chemical Inventory that tracks all chemicals being used in campus labs.
 - EHS Assistant
 - Begins with the purchase of a chemical.
 - That container is tracked “Cradle to Grave”.
 - This information is used to ensure:
 - proper training of lab personnel
 - safe teaching and research
 - waste minimization.



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- Currently the database contains ~80,000 containers.
- LSU has ~800 laboratories.
- Unused chemicals become waste.
- LSU disposes of ~150,000 pounds of hazardous waste.
- Cost of \$190,000.



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- We need your help!
- Current purchasing system doesn't populate the database.
- We now rely on the lab personnel to load in the chemicals.
- Maintaining an accurate inventory in this way is challenging.
- Regulatory Burden
- Federal and state rules require us to accurately report storage of chemicals on an annual basis.



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Chemical Purchasing and Laboratory Closeout Procedures

- What can you do?
 - Remind faculty to load chemicals into the database.
 - EHS can assist if you already have an inventory.