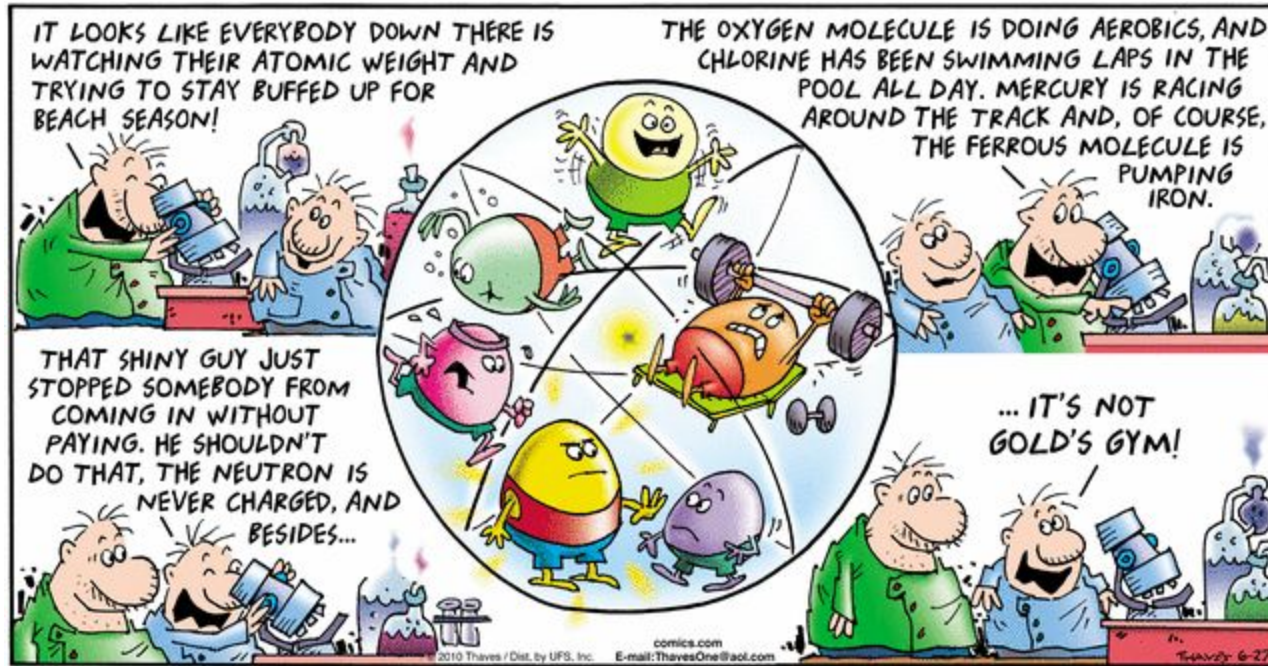




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Capital Safety Outlays

The high cost of unmanaged legacy wastes



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The cost of legacy chemicals

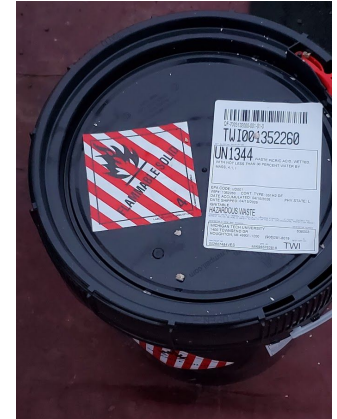
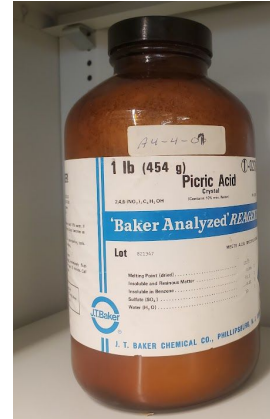
\$18K to dispose of one department's legacy wastes.





The cost of legacy chemicals

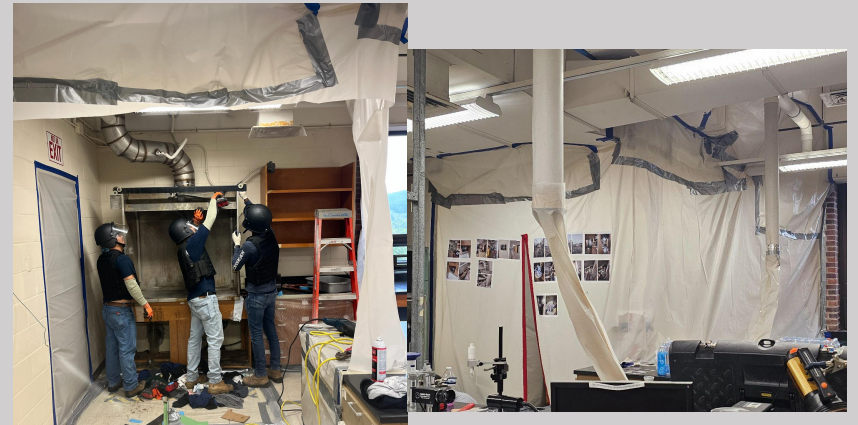
\$9K for disposing of unstable legacy chemical (**Picric Acid**)

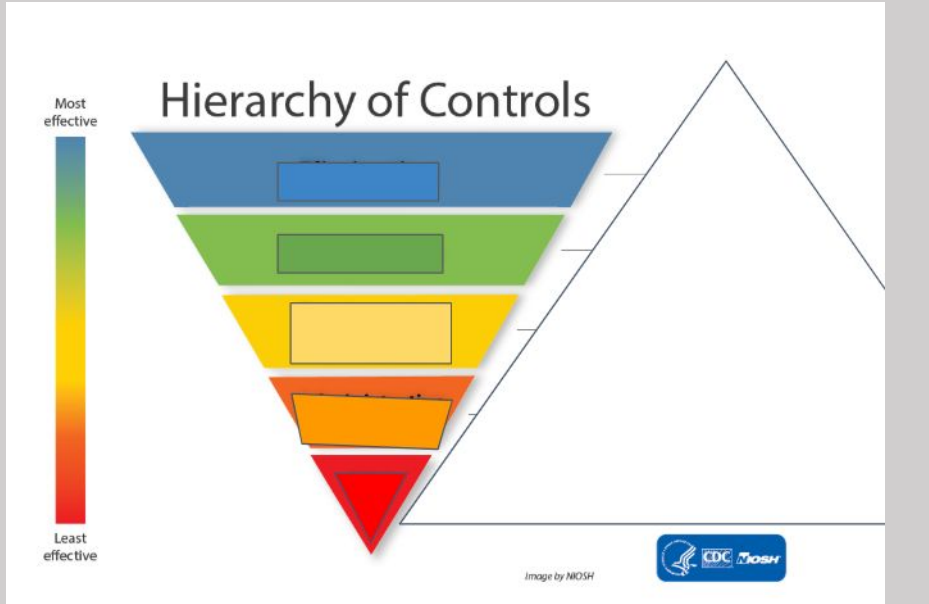


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The cost of legacy chemicals

\$100K (and a multi-day building closure) for decontaminating a legacy hood (**Perchloric Acid**) that was improperly decommissioned



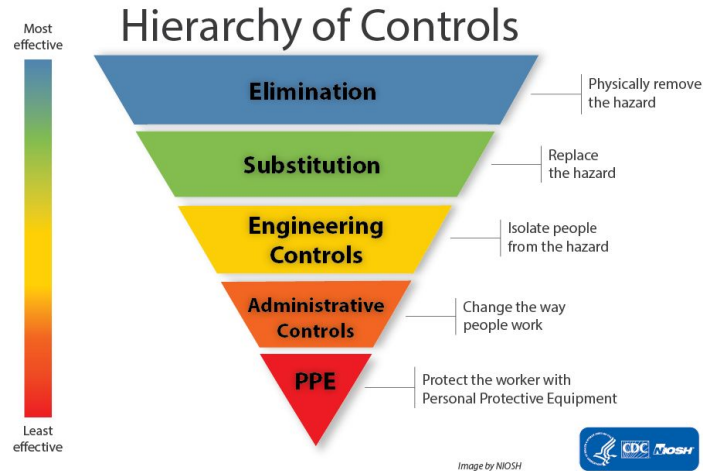


What can you do?

Hierarchy of Controls



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What can you do?

Consider if you need that
specific chemical

Elimination?

Substitution?



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What can you do?

Only purchase what you need



What can you do?

Only purchase what you need

Chemical Stores Order Form

[Form Instructions](#)

Please note: Any order containing any of the following items will require additional review. Please allow 2 business days to process the approval.

- 4kg (5 gallons) or greater of any individual chemical
- 1kg or greater of any acutely toxic chemicals listed on the [EPA's table 205a](#)



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What can you do?

Pay attention to chemicals that become unstable overtime



What can you do?

Pay attention to chemicals that become unstable overtime



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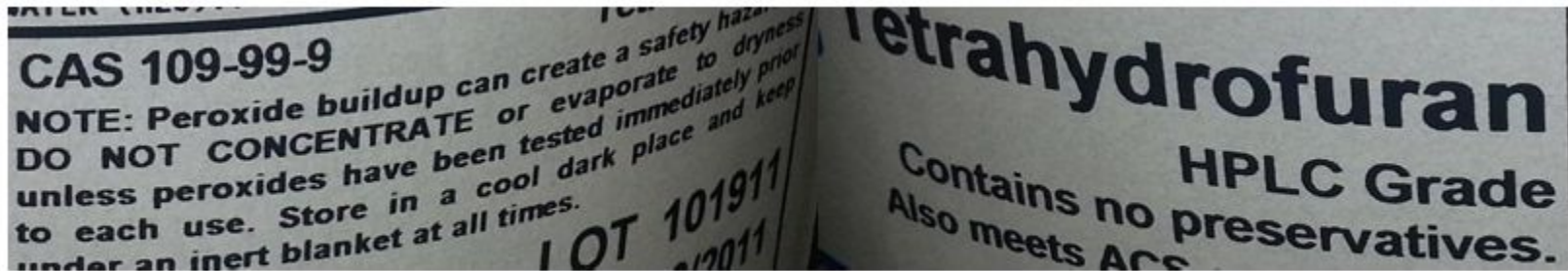


Figure 1: Example Manufacturer Labels with Peroxide Former Information

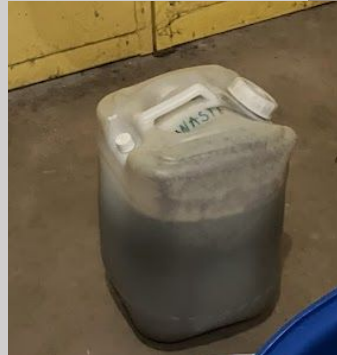


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What can you do?

Dispose of (properly!) at end of the project



A final PSA



uline.com

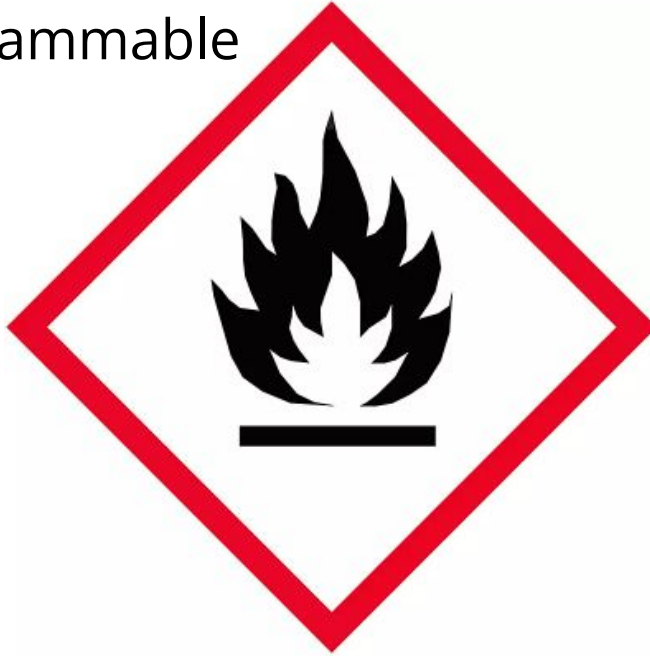


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A final PSA



Flammable



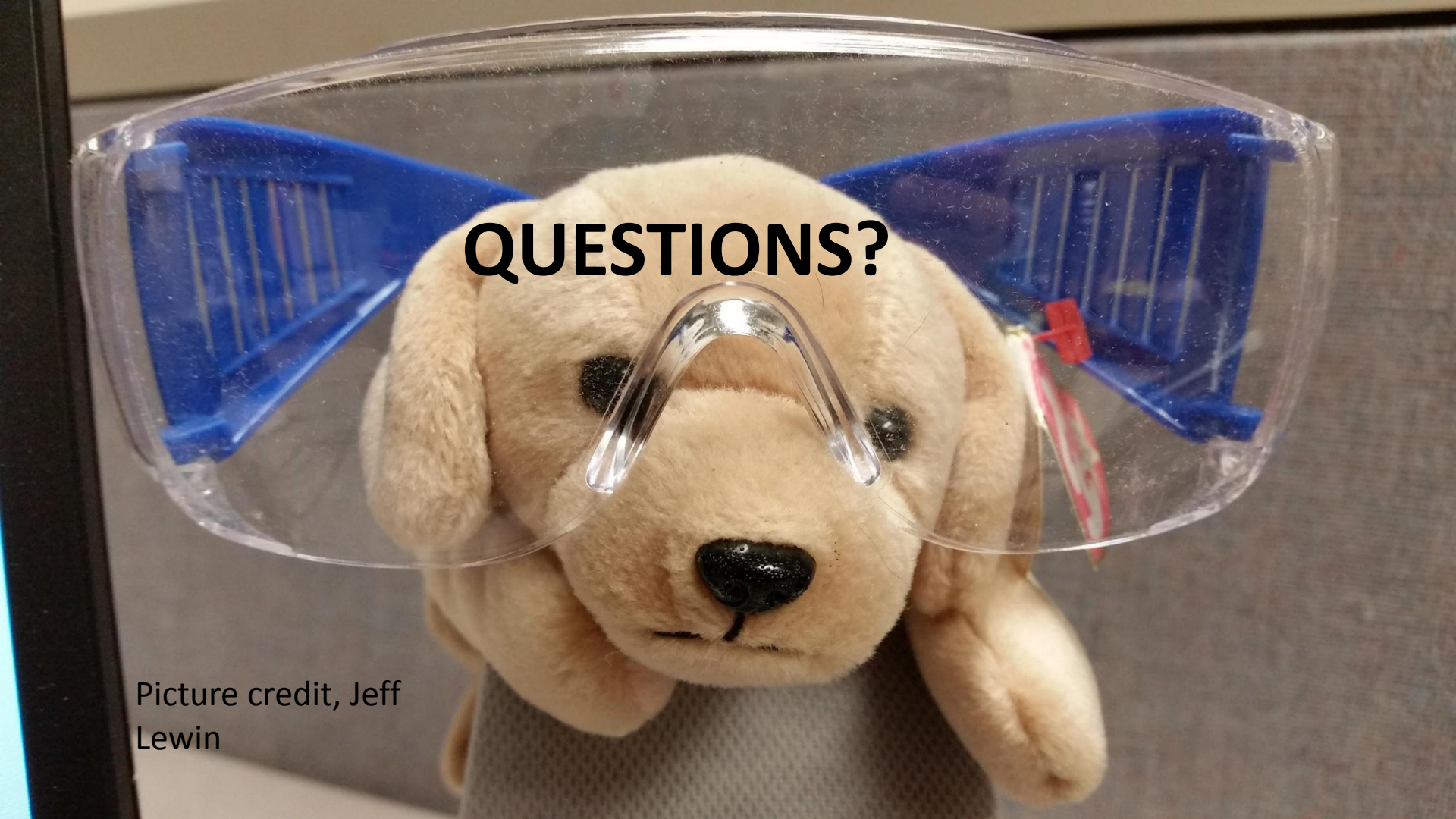
Oxidizing



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A close-up photograph of a light-colored, plush stuffed dog, possibly a Beanie Baby, wearing a pair of clear safety goggles with blue straps. The dog has black eyes, a black nose, and a small black mouth. The word "QUESTIONS?" is printed in large, bold, black capital letters across the center of the dog's face, partially obscuring its eyes. The background is a neutral, textured surface.

QUESTIONS?

Picture credit, Jeff
Lewin