Safety Highlight: Peroxide-Forming Chemicals

Some chemicals can form shock-sensitive explosive peroxide crystals over time. If peroxide levels are not tested, peroxide concentration can build up over time and form crystals.

How to test for peroxides:

1. Dip Quantofix test strips into solution for 1 second
2. Add a drop of water and wait 5 seconds for the strip to change color
3. Compare the color to the key.
4. If the quantity of peroxides >2 ppm, dispose immediately.
5. If the quantity of peroxides >10 ppm, contact EHS at (949) 824-6200

Quantofix test strips are at PS stores (1 year shelf life).

If you have questions, contact EH&S at safety@uci.edu.

For more information, scan the QR code.