



MCFRS HazMat 5 Minute Drill – Common Household Chemical Combinations

As spring cleaning gets into full swing be on the look out for calls where complainants have **respiratory issues, skin irritations and burning or watery eyes.**

Many common cleaning products when combined can have hazardous outcomes.

If you see cleaning chemicals or patients state they were cleaning, **immediately move the person outside and call for Hazmat where appropriate.**

Bleach + Ammonia



= Chloramine

Chloramine smells like chlorine. It irritates eyes, skin, and mucous membranes.

Bleach + Alcohol



= Chloroform

Chloroform can knock you out. It causes liver damage and potentially respiratory or cardiac failure.

Bleach + Vinegar



= Chlorine Gas

Chlorine is a toxic gas that attacks the eyes, respiratory system, and skin.

Peroxide + Vinegar



= Peracetic Acid

Peracetic acid is highly corrosive and irritates the eyes, skin, and respiratory system.

When in doubt, contact ECC and ask for an alternate channel with Hazmat.