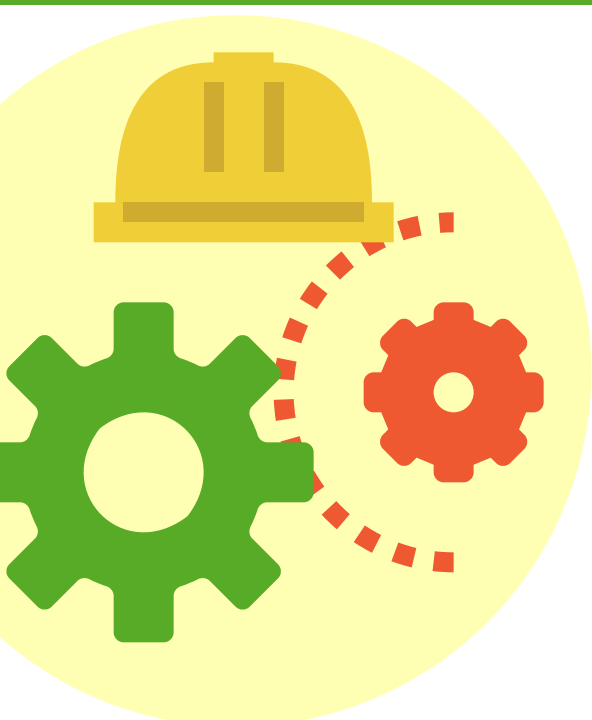




# ANHYDROUS AMMONIA

## SAFETY TIPS FOR INDUSTRIAL SETTINGS

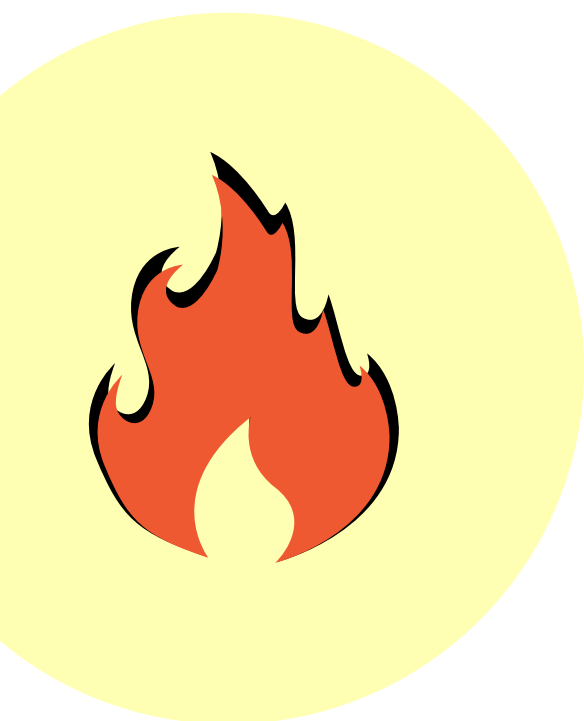
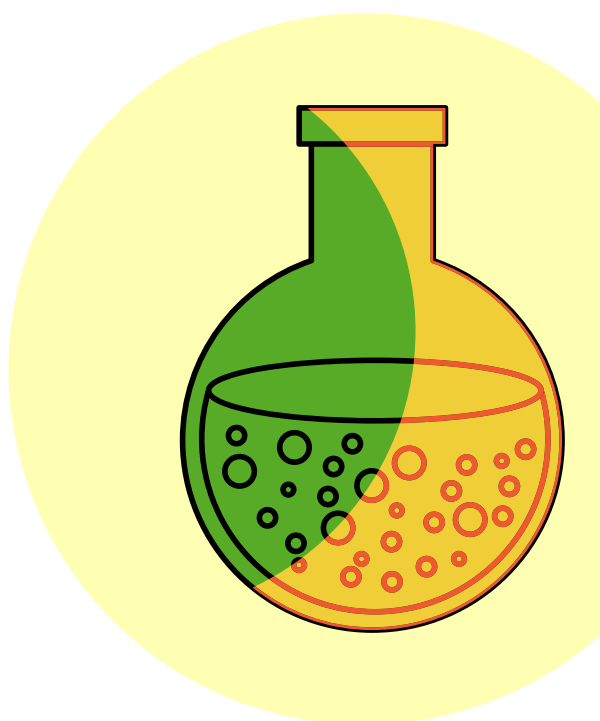


### CONTAIN AND MAINTAIN

Anhydrous ammonia is a toxic gas that is also corrosive and a fire hazard. The best method to protect yourself and others is to avoid releases and leaks. Other ways to protect yourself is to wear proper PPE when making line breaks, and have a shutoff system that can be operated remotely in the case of an accidental release.

### TROUBLEMAKER READY TO REACT

Ammonia chemically reacts quickly with many materials with sometimes catastrophic results. Mixing errors or miss-loading can result in explosions, produce toxic gas clouds, and/or over-pressure equipment. Conduct a risk assessment to ensure engineering controls are in place to prevent these unintended mixes.



### WHOOSH...BOOM! DEADLY FIRES

Several deadly explosions have been caused by ammonia leaking inside buildings. Although classified as a DOT class 2.2 non-flammable gas, anhydrous ammonia readily burns inside structures and confined spaces. (The flammable range is 16-25% in air.)

### WATCH OUT FOR COMPLACENCY!

Just because Ammonia is used for fertilizer doesn't make this chemical any less hazardous. Talk about near misses and close calls with your team, and always look for ways to help people be on the look out for safety concerns.



**Contact us if you need help with material classification or hazard recognition!**

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