## Chemistry Department Hazard Assessment



## High Risk Chemicals and Reactions

Chemical/Reaction
Organic azides

Sodium azide

Perchlorate salts

Lithium aluminum hydride, sodium metal, potassium metal, etc.

Palladium on carbon

Nitric acid, aqua regia

Ethers with alpha-hydrogen atoms

Thiols

Overnight reflux
Flooding hazard
(Flooding is the \#1 cause of damage in our department)

Lithium metal
Fire/explosion hazard (reacts with $\mathrm{N}_{2}$ )

