



UMBC

Peroxide Forming Chemicals

****DATE THE FOLLOWING CHEMICALS WHEN LAB RECEIVES AND
OPENS THE CHEMICAL****

****DISPOSE OF CHEMICAL 1 YEAR AFTER RECEIVING, 6 MONTHS AFTER
OPENING, OR AFTER EXPIRATION DATE****

Common peroxides are shown in **Bold**

Acetyl
Acrolein
Acrylic Acid
Acrylonitrile
Aldehydes
Allyl ethyl ether
Allyl phenyl ether
Anhydrous Ether
Benzyl ether
Benzoyl-n-butyl ether
Bromophenetole
Butadiene
p-Chloroanisole
Chloroprene Chlorotrifluoroethylene
Cumene
Cyclohexene
Cyclooctene
Cyclopentene Decahydronaphthalene
Diacetylene
Dibutyl ether Dicyclopentadiene
Diethyl ether
Diethylene glycol
Diethylene glycol diethyl ether
Diethylene glycol mono-o-butyl ether
Diisopropyl ether
Dimethyl ether
Dimethyl isopropyl ether
1,4 Dioxane
p-Dioxane
Divinyl ether
Divinylacetylene
Ether
Ethyl Methyl ether
Ethylene Glycol Dimethyl Ether

Ethylene Glycol Ethers

Furan

Isopropyl ether

Indene
Methyl isobutyl ketone
Methyl acetylene
o-Methylanisole
Methylcyclopentane
Methyl Methacrylate
m-Methylphenetole
Phenetole

Organic ethers >1 year old

Perchloric Acid

Tetrahydrofuran

Potassium Amide
Potassium Metal
Sodium Amide
Styrene
Tetrafluoroethylene
Tetrahydronaphthalene
Vinyl Acetate
Vinylacetylene
Vinyl Chloride
Vinyl Ethers
Vinyl Pyridine
Vinylidene Chloride Vinylidene
Dichloride