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| **Substance** | **Risk of Peroxide Formation** |
| 1-Phenylethanol | Moderate |
| 2-Butanol Dioxanes | Moderate |
| 2-Cyclohexen-1-ol | Moderate |
| 2-Hexanol | Moderate |
| 2-Pentanol | Moderate |
| 2-Phenylethanol | Moderate |
| 3-Methyl-1-butanol | Moderate |
| 4-Heptanol | Moderate |
| 4-Methyl-2-pentanol | Moderate |
| 4-Penten-1-ol | Moderate |
| Acetal  | Moderate |
| Acetaldehyde | Moderate |
| Benzyl alcohol | Moderate |
| Butadiene | High |
| Cellosolves (Ethylene glycol ether acetates) | Moderate |
| Chlorobutadiene | Moderate |
| Chlorofluoroethylene | Moderate |
| Chloroprene | High |
| Chlorotrifluoroethylene | Moderate |
| Cumene (isopropylbenzene) | Moderate |
| Cyclohexene | Moderate |
| Cyclopentene | Moderate |
| Decahydronaphthalene (decalin) | Moderate |
| Decalin (decahydronaphthalene) | Moderate |
| Diacetylene (butadiyne) | Moderate |
| Dicylcopentadiene | Moderate |
| Diethyl ether | Moderate |
| Diethylene glycol dimethyl-ether (diglyme) | Moderate |
| Diglyme | Moderate |
| Divinyl acetone | High |
| Ethylene glycol ether acetates (cellosolves) | Moderate |
| Furan | Moderate |
| Isopropyl ether | High |
| Isopropylbenzene (cumene) | Moderate |
| Methyl acetylene | Moderate |
| Methyl-isobutyl ketone | Moderate |
| Potassium amide | High |
| Potassium metal | High |
| Secondary alcohols | Moderate |
| Sodium amide | High |
| Styrene | Moderate |
| Tetrafluoroethylene | High |
| Tetrahydrofuran | Moderate |
| Tetrahydronaphthalene | Moderate |
| Vinyl acetate | Moderate |
| Vinyl acetylene | Moderate |
| Vinyl ethers | Moderate |
| Vinyl pyridine | Moderate |
| Vinyldiene chloride | High |
| Vinyle chloride | Moderate |