



UNIVERSITÀ DEGLI STUDI DI MILANO
DIPARTIMENTO DI CHIMICA

| Category A Activity | Standard Procedure Reference in Group Safety Manual | Amended Category A, B, C, or D | PI Signature / Date |
|---|---|--------------------------------|---------------------|
| Organolithiums, organozincs, and other pyrophoric reagents | | | |
| Organoaluminiums | | | |
| Use of UV light | | | |
| Hydrogenation | | | |
| Peroxides (including 30% H ₂ O ₂) | | | |
| Liquid ammonia | | | |
| Ozone | | | |
| Toxic, corrosive or vesicant gases (e.g., HCl, NOCl, COCl ₂ , Cl ₂ , CO, H ₂ S, HCN, NO, F ₂ , butadiene) | | | |
| Beryllium | | | |
| Inorganic cyanides | | | |
| HF | | | |
| Alkylating agents (e.g., MeI, R ₂ SO ₄ , CF ₃ OSO ₂ R, HCHO, ethylene oxide, ClCH ₂ OMe etc.) | | | |
| Diazomethane | | | |
| Highly toxic solvents (e.g., benzene, CCl ₄ , CS ₂ , HMPA, 1,4-dioxane, etc.) and human carcinogens | | | |
| Highly toxic volatile metallic substances, (e.g., OsO ₄ , metal carbonyls, etc) | | | |
| Potentially hazardous operations: 1. Sealed tube reactions 2. Use of perchlorates, azides, or acetylides 3. Use of K; prep. of Na sand 4. Large scale use of flammable solvents | | | |
| Other | | | |