\*On-going experiment\*

Purpose:

Reaction:

Chemical Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Chemical** | 2-methylpropanoyl chloride | 2-aminobenzonitrile | NaOH | CH2Cl2 |
| **Equivalents** | 1 | 2 | 1 | solvent |
| **MW (g/mol)** | 106.55 g mol-1 | 118.14 g mol-1 |  | - |
| **Mass (g)** |  |  |  | - |
| **No. mole (mol)** |  |  |  | - |
| **Concentration (M)** | - | - |  | - |
| **Density (g/mL)** | 1.017 g/mL | - |  | - |
| **Volume (mL)** |  | - |  | mL |
| **Hazards and Safety** | Highly flammable liquid and vapour. Severe burns to skin and eye damage | Harmful if swallowed, inhaled or in contact with skin. Skin, eye and respiratory irritant | Severe burns to skin and eye damage. Corrosive to metals | Skin and eye irritant. Carcinogen |
| **Notes** |  |  |  |  |