

Chemical Name	Per Student	Per Class (20)	Location
Ligroin / Petroleum Ether (bp 60-80)	10 mL	240 mL	Flammable cabinet (middle room)
Toulene / Methylbenzene	0.75 mL	18 mL	Flammable cabinet (last room)
Methanol / Methyl alcohol	0.1 mL	2.4 mL	Flammable cabinet (last room)
1.5M Sodium Carbonate	1.0 ml	24 ml	Inorganic liquids shelf
Mesitylene	0.115 g	2.8 g	Flammable cabinet (last room)
Formic Acid, 95%	0.06 mL	1.5 mL	Flammable Fridge (first room)
Paraformaldehyde	10 mg	2.4 g	Flammable Fridge (first room)
Dichloromethane / Methylene Chloride		1 bottle	Flammable cabinet (last room)

Other Items	Amount / Quantity	Location
Ice	Day 1 and 2	Next to fridge
Boiling chips, black, craborundum	Determined by class	Ochem bookshelf #1
Pasteur Pipettes	Determined by class	Bookshelf in front of hallway to 227
Pipe cleaners	Determined by class	Ochem bookshelf #1

Waste

- Organic solids
- Organic Non-halogenated liquids

Solution Preparation

1.5 M Sodium Carbonate

$$124 \text{ g Na}_2\text{CO}_3 \times 1.5M \times 1 \text{ liter} = 186 \text{ g Na}_2\text{CO}_3 + 814 \text{ mL H}_2\text{O}$$