Lab 4

Reagent Name	Reqd. PPE	Critical Safety Hazards	Reactivity	Disposal
Pickle	Standard	None	Non-reactive	Solid trash/Sink
Sodium bicarbonate	None	Standard	Non-reactive	Hazardous waste
Silver nitrate 0.100N	None	Standard	Non-reactive	Hazardous waste
5% Potassium Chromate	Environmental	Standard	Non-reactive	Chromate must not go down the drain, requires thorough rinsing into Hazardous Waste
Sodium chloride	None	Standard	Non-reactive	Solid trash/Sink
Ammonium Hydroxide	None	Standard	Non-reactive	Hazardous waste
Silver chloride	None	Standard	Non-reactive	Hazardous waste (use Ammonium Hydroxide to rinse)

- N = M × n ⇒ M = N/n ⇒ M = 1.0007 eq/L / 1 eq/mol / 28.0000 g NaCl × 1 eq/mol / 2 eq/mol / 1 eq/mol / 2 eq/mo