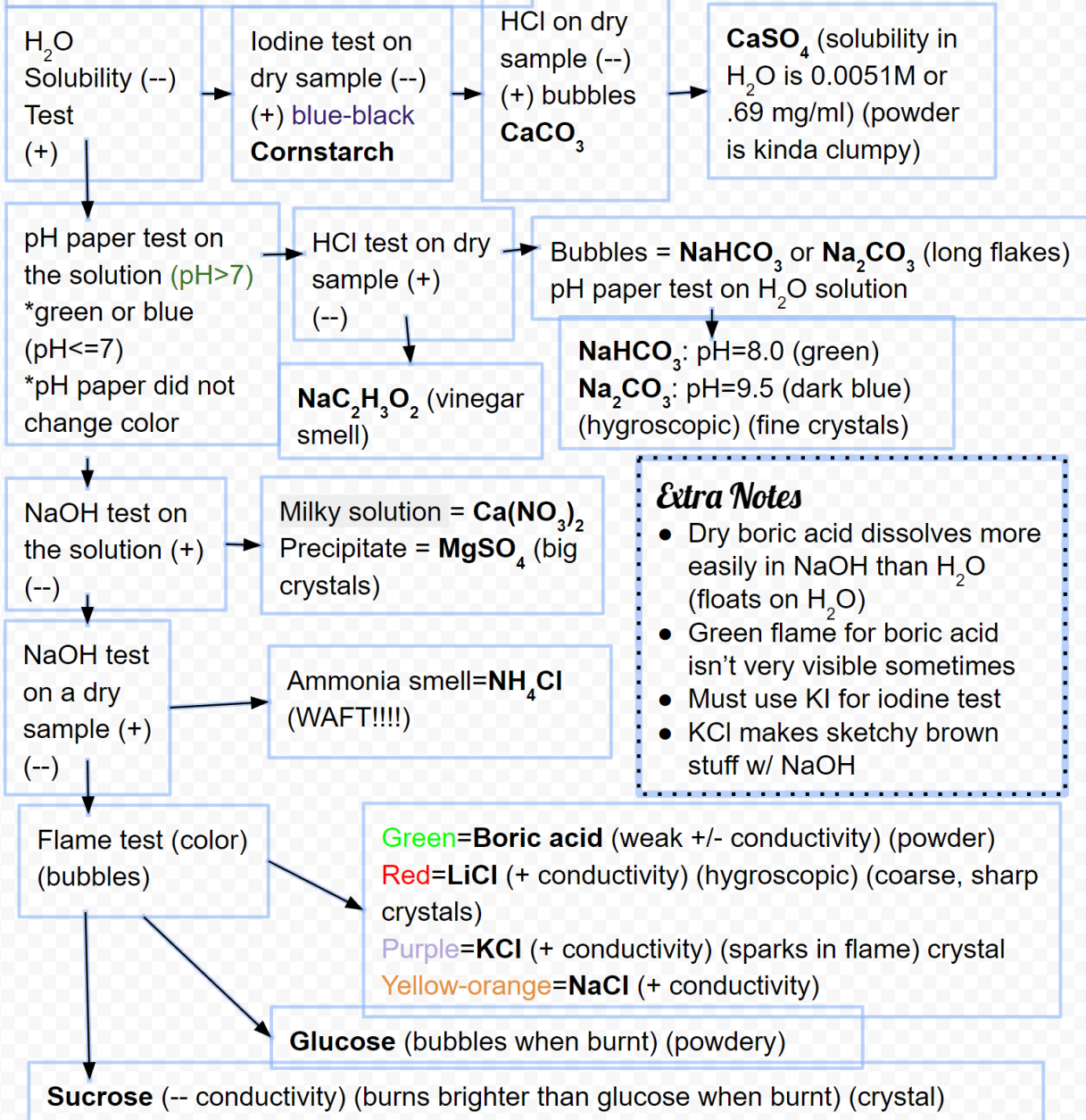


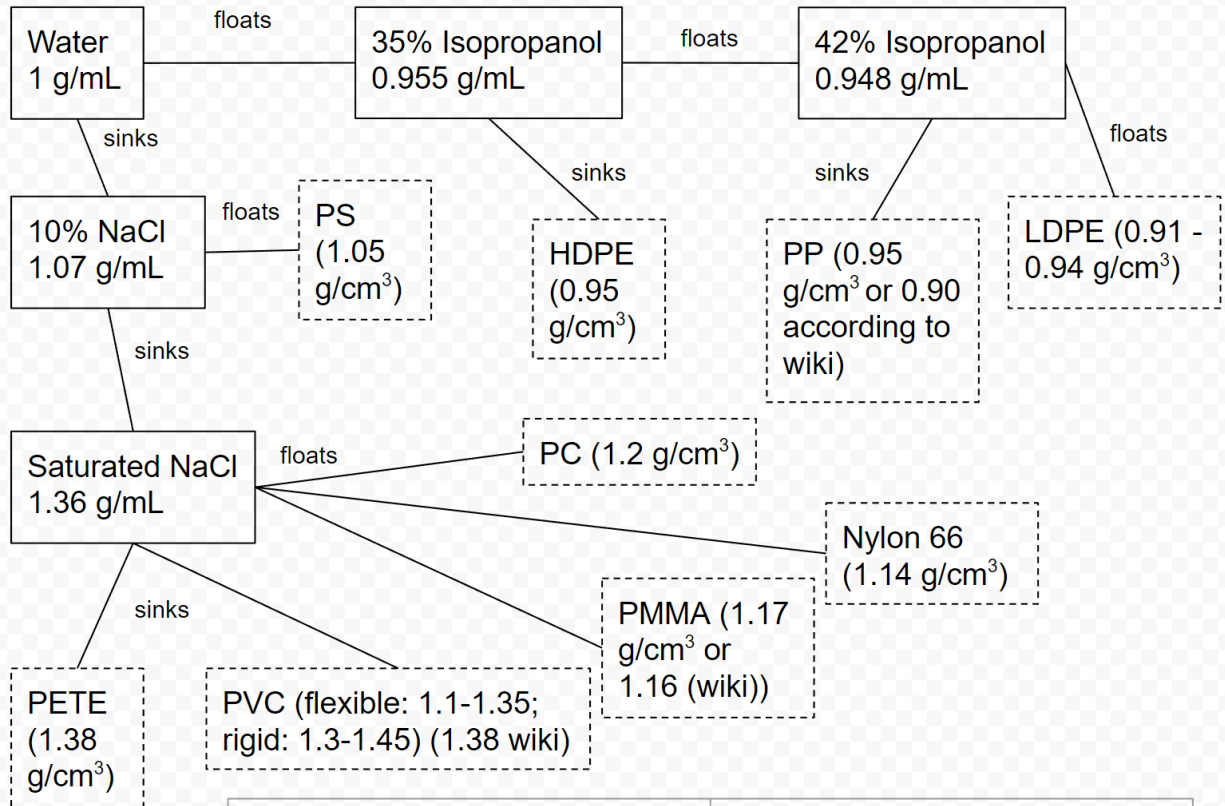
POWDER IDENTIFICATION



Extra Notes

- Dry boric acid dissolves more easily in NaOH than H₂O (floats on H₂O)
- Green flame for boric acid isn't very visible sometimes
- Must use KI for iodine test
- KCl makes sketchy brown stuff w/ NaOH

PLASTICS FLOWCHART



- Isopropyl alcohol density:
 - 100% = .786 g/mL
 - 46% = .950 or .902 g/mL
 - 42% = .948 or .910 g/mL
 - 35% = .955 or .925 g/mL
- Rubbing alcohol = 0.87 g/mL
- Pure ethanol = 0.789 g/mL
- Canola oil = 0.91 g/mL
- Corn oil = 0.917 g/mL
- Corn Syrup = 1.37 g/ml
- Dish soap = 1.03 g/mL
- Milk = ~1.03 g/mL
- Maple Syrup = 1.33 g/mL
- Honey = 1.36 g/mL
- NaCl:
 - Sat (36%) = 1.36 g/mL
 - 25% = 1.193 g/mL
 - 10% = 1.07 g/mL
- Glycerin = 1.26 g/ml
- Castor Oil = 0.93 g/ml
- 2-propanol/hamamelis mix = 0.86 g/ml

