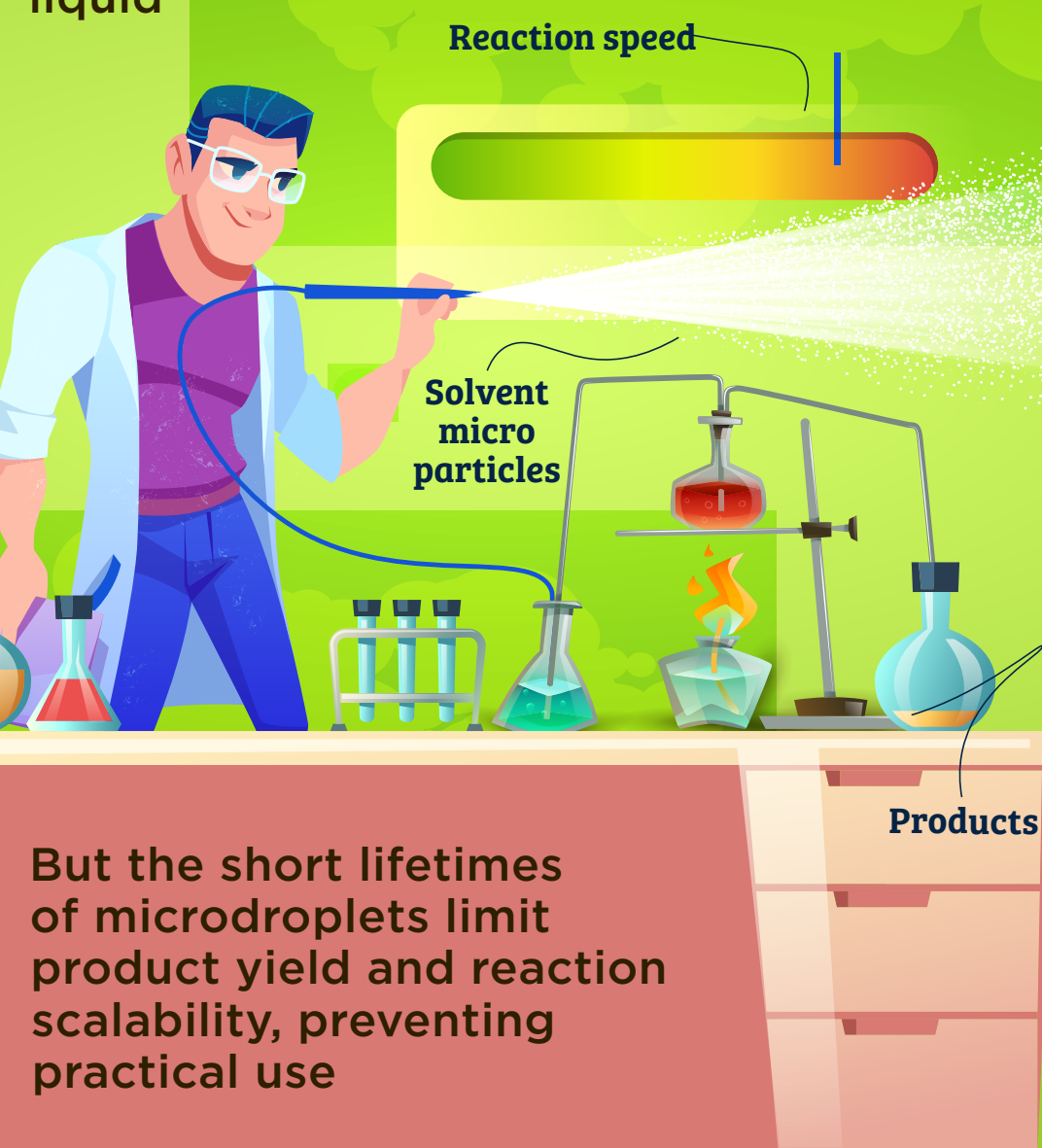


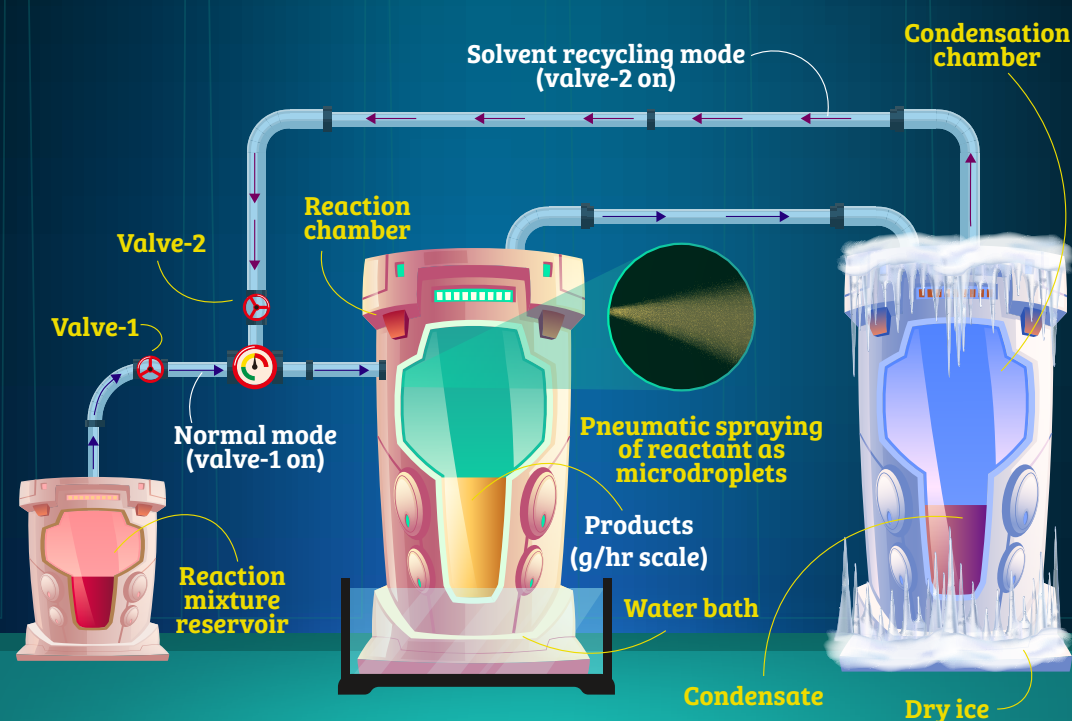
Speeding Up Reactions by Spraying and Recycling Solvents

Spraying solution as microdroplets can accelerate reactions by factors of 10^1 to 10^5 compared to reactions with bulk liquid



Can a microdroplet reaction system be designed to overcome these issues?

Microdroplet reaction system including the solvent recycling process



Including a solvent recycling process in microdroplet reaction systems reduces wastage and increases droplet lifetime, thereby significantly enhancing yield and reaction speed