

## Answer on Question#69750 – Chemistry – Organic chemistry

**Question:** hi to all. i am interested to production 1,1,1,2 tetrafluoroethylene than other materials such as ethylene or ethylene glycole or the others that are benefit. is here any body to help me?

**Answer:** manufacturing of tetrafluoroethylene is a very complex process that needs special equipment and raw materials (e.g. difluorochloromethane or R22). As example, a system is shown on Figure 1:

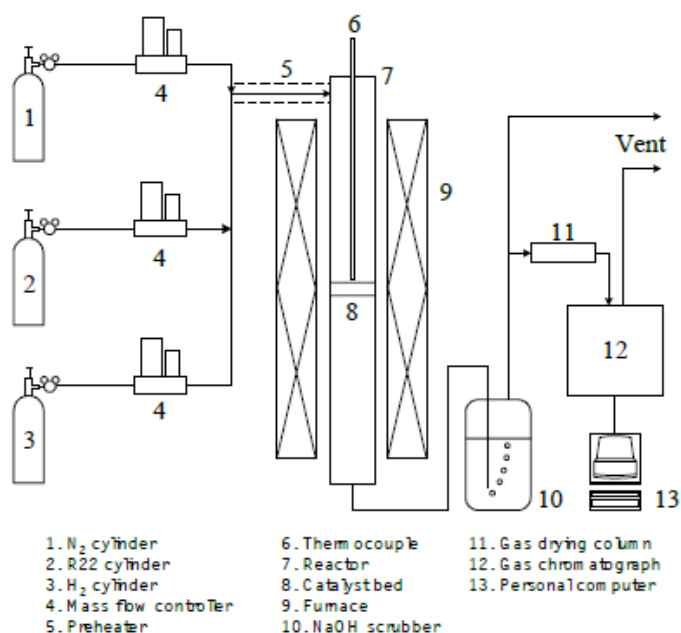


Figure 1. Schematic diagram of the experimental system for the pyrolysis of R22

### Reference:

Sung, D., Moon, D., Lee, Y., et al. (2004). Catalytic Pyrolysis of Difluorochloromethane to Produce Tetrafluoroethylene. *International Journal of Chemical Reactor Engineering*, 2(1), pp. -. Retrieved 17 Aug. 2017, from doi:10.2202/1542-6580.1065