























Chem 253, UC, Berkeley 🌑 🔵 🥘

Supercritical fluid

A **supercritical fluid** is any substance at a temperature and pressure above its critical point, where distinct liquid and gas phases do not exist. It can effuse through solids like a gas, and dissolve materials like a liquid.

Molecular weight g/mol	Critical temperature K	Critical pressure Mpa (atm)	Critical density g/cm ³
44.01	304.1	7.38 (72.8)	0.469
18.015	647.096	22.064 (217.755)	0.322
	weight g/mol 44.01	weight temperature g/mol K 44.01 304.1	weighttemperaturepressureg/molKMpa (atm)44.01304.17.38 (72.8)18.015647.09622.064







































