

Densities of Commercial Acids

Name	Formula	Concentration, percent by weight	Sp. gr.	°Be.	Weight of 1 gal. in lbs.	Pounds of pure acid in each gallon of concentrated acid
Water	H ₂ O	100	1.00	0.0	8.3	
Acetic	HC ₂ H ₃ O	60	1.07	9.5	8.9	5.3
Hydrofluoric	HF	48	1.15	19	9.6	4.6
Hydrochloric	HCl	35	1.18	22	9.8	3.4
Nitric	HNO ₃	67	1.41	42	11.9	8.0
Sulphuric	H ₂ SO ₄	93	1.84	66	15.4	14.3



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