



Seastar Chemicals Inc.: Table of Product Properties

SEASTAR™'s Products	Weight Percent (weight solute/weight solution x100%)	Molecular Formula	Molecular Mass (g/mole)	Density (g/mL)	Molarity M (mol/L)	Normality N (mol/L)
Nitric Acid	67 – 70%	HNO ₃	63.01	1.41	16	16
Perchloric Acid	65 – 71%	HClO ₄	100.46	1.67	11.6	11.6
Sulfuric Acid	93 – 98%	H ₂ SO ₄	98.07	1.84	18	36
Hydrochloric Acid (BASELINE)	32 – 35%	HCl	36.46	1.17	11	11
Hydrochloric Acid (Instrument Quality)	34 – 37%	HCl	36.46	1.18	12	12
Hydrofluoric Acid	48 – 51%	HF	20.01	1.18	29	29
Acetic Acid, Glacial	>99%	CH ₃ COOH	60.05	1.05	18	18
Ammonia Solution (Ammonium Hydroxide)	20 - 22% (as NH ₃)	NH ₃ (aq)	17.03	0.92	11	11
Hydrobromic Acid	47 – 51	HBr	80.91	1.5	9	9
Hydrogen Peroxide	30 – 32%	H ₂ O ₂	34.01	1.13	10	10