

| Chemical Name CAS-Number | Colour/Form | Boiling Point (°C) | Melting Point (°C) | Molecular Weight (g/mol) | Solubility In Water | Relative Density (water=1) | Relative Vapour Density (air=1) | Vapour Pressure/ (Kpa) | Inflam. Limits | Flash Point (°C) | Auto Ignition Point (°C) |
|--------------------------------------|--|------------------------|-----------------------|--------------------------------|------------------------|-------------------------------|--|------------------------------|-------------------|---------------------|--------------------------------|
| BORIC ACID 10043-35-3 | colourless, transparent crystals or white granules or powder | 300 | 169 | 61.84 | 1 g/18 ml | 1.435 @ 15 °C | | | | | |
| CARBONIC ACID 2582-30-1 | | | | 63.03 | sol | | | | | | |
| CHLOROSULPHURIC ACID 7790-94-5 | colourless or slightly yellow liquid | 151-152 @ 755 mm Hg | -80 | 116.53 | | 1.753 | 4.02 | 1 mm Hg @ 32 °C | | | |
| FLUROSULPHURIC ACID 7789-21-1 | colourless liquid; reddish- brown colour with acetone | 163 | -89 | 100.07 | | 1.726 @ 25 °C/4 °C | | | | | |
| HYDROCHLORIC ACID 7647-01-0 | colourless liquid | -85 | -114 | 36.46 | 82.3 g/100 ml | 1.05 @ 15 °C/4 °C | 1.3 | | | | |
| HYDROFLUOBORIC ACID 16872-11-0 | colourless liquid | 130 | | 87.82 | misc | 1.84 | | | | | |
| NITRIC ACID 7697-37-2 | transparent colourless or yellowish liquid | 83 | -42 | 63.01 | sol | 1.5027 @ 25 °C/4 °C | 2-3 | 6.4 | | | |
| PERCHLORIC ACID 7601-90-3 | colourless, oily liquid | 19 @ 11 mm Hg | -112 | 100.47 | misc | 1.768 @ 22 °C | | | | | |
| PHOSPHORIC ACID 7664-38-2 | unstable orthorhombic crystals or clear syrupy liquid; at 20 deg C, the 50 and 75% strengths are mobile liquids, the 85% is of a syrupy consistency, while the 100% acid is in the form of crystals; viscous, colourless, odorless liquid | 213 | 42.4 | 98.00 | v sol | | 3.4 | 4.0 | | | |
| SILICIC ACID 7699-41-4 | jelly-like precipitate obtained when sodium silicate solution is acidified during drying jelly is converted to a white amorphous powder. | | | | | | | | | | |
| SULPHAMIC ACID 5329-14-6 | orthorhombic crystals; white crystalline solid | | 205 | 97.10 | sol | 2.15 | | | | | |
| SULPHURIC ACID 7664-93-9 | clear, colourless, oily liquid when pure but brownish in hue when impure | 290 | 10.4 | 98.08 | sol | 1.841 | 3.4 | 0.13 | | | |