

| | | Propan | iso-Propanol | Propen | Pyridin |
|---|----------------------------|--|--------------------------------------|--|--------------------------------|
| CAS – Nummer | | [74-98-6] | [67-63-0] | [115-07-1] | [110-86-1] |
| Formel | | $\text{H}_3\text{C}-\text{CH}_2-\text{CH}_3$ | $(\text{H}_3\text{C})_2-\text{CHOH}$ | $\text{H}_2\text{C}=\text{CH}-\text{CH}_3$ | $\text{C}_5\text{H}_5\text{N}$ |
| Molmasse | [Kg/Kmol] | 44,1 | 60,1 | 42,1 | 70,10 |
| AGW-Wert | ppm = [mL/m ³] | 1000 | 200 | – | – |
| | [mg/m ³] | 1800 | 500 | – | – |
| Spitzenbegrenzung | | 4 (II) | 2 (II) | – | – |
| TLV-Wert | | | | | |
| TWA | ppm = [mL/m ³] | 1000 | 200 | – | 1 |
| | [mg/m ³] | 1800 | 500 | – | 3,3 |
| STEL | ppm = [mL/m ³] | – | 400 | – | – |
| | [mg/m ³] | – | 1000 | – | – |
| WEL-Wert | | | | | |
| TWA | ppm = [mL/m ³] | – | 400 | – | 5 |
| | [mg/m ³] | – | 999 | – | 16 |
| STEL | ppm = [mL/m ³] | – | 500 | – | 10 |
| | [mg/m ³] | – | 1250 | – | 33 |
| Umrechnungsfaktoren | | | | | |
| 1 mL/m ³ = mg/m ³ | | 1,83 | 2,5 | 1,76 | 3,29 |
| 1 mg/m ³ = mL/m ³ | | 0,55 | 0,4 | 0,57 | 0,31 |
| Dampfdruck bei 20 °C | [h Pa] | 8300 | 40 | 10200 | 20 |
| rel. Dampfdichte | | 1,6 | 2,08 | 1,45 | 2,73 |
| Festpunkt | [°C] | -190 | -89,5 | -185,3 | -41,8 |
| Siedepunkt | [°C] | -42 | 82,4 | -48 | 115,3 |
| UN – Nummer | | 1978 | 1219 | 1077 | 1282 |
| Gefahrklasse | | – | – | – | B |
| Zündtemperatur | [°C] | 470 | 425 | 460 | 550 |
| UEG | [Vol.-%] | 1,7 | 2 | 2,0 | 1,7 |
| OEG | [Vol.-%] | 9,3 | 12 | 11,1 | 10,6 |
| Geruchsschwelle (etwa) | ppm | – | 1000 | – | ab 30 ppm unerträglich |