

| | | n-Octan | Ölnebel (Mineralöl) | Ozon | n-Pentan |
|---|----------------------------|--------------------------------|---------------------|----------------|---|
| CAS – Nummer | | [111-65-9] | – | [10028-15-6] | [109-66-0] |
| Formel | | C ₈ H ₁₈ | Gemisch | O ₃ | H ₃ C-(CH ₂) ₃ -CH ₃ |
| Molmasse | [Kg/Kmol] | 114,23 | – | 48,00 | 72,15 |
| AGW-Wert | ppm = [mL/m ³] | 500 | – | – | 1000 |
| | [mg/m ³] | 2400 | – | – | 3000 |
| Spitzenbegrenzung | | 2 (II) | – | – | 2 (II) |
| TLV-Wert | | | | | |
| TWA | ppm = [mL/m ³] | 300 | – | 0,05 | 600 |
| | [mg/m ³] | 1400 | 5 | 0,1 | 1770 |
| STEL | ppm = [mL/m ³] | – | – | – | – |
| | [mg/m ³] | – | 10 | – | – |
| WEL-Wert | | | | | |
| TWA | ppm = [mL/m ³] | 210 | – | – | 600 |
| | [mg/m ³] | 1200 | – | – | 1800 |
| STEL | ppm = [mL/m ³] | – | – | 0,2 | – |
| | [mg/m ³] | – | – | 0,4 | – |
| Umrechnungsfaktoren | | | | | |
| 1 mL/m ³ = mg/m ³ | | 4,75 | – | 2,00 | 3,00 |
| 1 mg/m ³ = mL/m ³ | | 0,21 | – | 0,50 | 0,33 |
| Dampfdruck bei 20 °C | [h Pa] | 14 | – | – | 566 |
| rel. Dampfdichte | | 3,95 | – | 1,66 | 2,49 |
| Festpunkt | [°C] | -56,8 | liq. | -192,7 | -129,7 |
| Siedepunkt | [°C] | 125,8 | – | -111,9 | 36,1 |
| UN – Nummer | | 1262 | – | – | 1265 |
| Gefahrklasse | | A I | – | – | A I |
| Zündtemperatur | [°C] | 210 | – | – | 285 |
| UEG | [Vol.-%] | 0,8 | – | – | 1,4 |
| OEG | [Vol.-%] | 6,5 | – | – | 7,8 |
| Geruchsschwelle (etwa) | ppm | – | – | 0,015 | – |