

Product name: UREA

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|-------------------|----------------------------------|
| Article No | 555508 |
| Grade | Extra pure |
| Purity | 99% |
| CAS No | 57-13-6 |
| Molecular Formula | CH ₄ N ₂ O |
| Molecular Weight | 60.06 g/mol |
| H.S. Code | 31021000 |
| Shelf Life | 60 Months |

- **Physical properties**

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|------------------------------|----------------------------|
| Physical State at 20°C | Solid |
| Color | White crystalline |
| Melting Point/Freezing Point | 132-135°C |
| Density (g/cm ³) | 1.335 |
| pH Value | 7.5-9.5 at 480 g/L at 25°C |
| Vapour Pressure | 0.009 hPa at 20°C |
| Vapour Density | 2.07 |

- **Specifications**

| | |
|-------------------------|-------------------------|
| Appearance | White pellets or powder |
| Assay | 98-101.5% |
| pH at 20°C | 7.5-10 |
| Density (g/mL) | 1.33 |
| Melting Point | 132-135°C |
| Loss on Drying | Max 1% |
| Ignition Residue | Max 0.05% |
| Formaldehyde | Max 0.04% |
| Biuret | Max 0.1% |
| Packings | 500 g-25kg |